

THE No. 76.
Maine Farmers' Almanac,
FOR THE YEAR OF OUR LORD
1894;

It being the second after BISSEXTILE or LEAP-YEAR, and the one hundred
eighteenth one hundred and nineteenth of our
COUNTRY'S INDEPENDENCE.

The Astronomical Computations being given to mean, or true Clock Time
for Lat. $44^{\circ} 16' N.$ and Long. $69^{\circ} 48' W.$
or the Meridian (very nearly) of the Capitol of the State of Maine, Augusta.

Area of the State, 35,000 Square Miles. Population in 1890, 661,086.

DANIEL ROBINSON.



“Thought is deeper than all speech;
Feeling deeper than all thought;
Souls to souls can never teach
What unto themselves was taught.”

AUGUSTA:
CHARLES E. NASH.

PRICE 10 CENTS.

Patrons of Husbandry, — Officers of Maine State Grange in 1893.

M. B. Hunt, Belmont, Master; G. M. Twitchell, Augusta, Overseer; I. O. Winslow, St. Albans, Lecturer; W. S. Rogers, Topsham, Steward; D. O. Bowen, Morrill, Ass't Steward; O. J. Hancock, Corinna, Chaplain; S. S. Smith, Norway, Treasurer; F. A. Allen, Auburn Plains, Secretary; N. F. Norton, So. Penobscot, Gate Keeper; Mrs. M. B. Hunt, Belmont, Ceres; Mrs. O. J. Hancock, Corinna, Pomona; Mrs. G. M. Twitchell, Augusta, Flora; Executive Committee: M. B. Hunt, F. A. Allen, Ex-officio; O. Gardner, Rockland; Chas. E. Jordan, Cape Elizabeth; J. B. Morse, Winnegance; Otis Meader, Albion. This organization in 1893, consisted of 218 sub. Granges, and over 16,000 members.

Officers of the Maine State Pomological Society, 1893.

Charles S. Pope, Manchester, president; S. H. Dawes, Harrison, D. P. True, Leeds Center, vice-presidents; D. H. Knowlton, Farmington, sec'y; Chas. E. Wheeler, Chesterville, treasurer. Executive committee: the Pres. and Sec. ex-officio; Henry W. Brown, Newburg; Willis A. Luce, So. Union; J. W. True, New Gloucester. Trustees: I. T. Waterman, East Auburn; J. W. Dudley, Castle Hill; S. R. Sweetser, Cumberland Center; M. C. Hobbs, Farmington; F. H. Moses, Bucksport; A. E. Lapham, Pittston; Alonzo Butler, Union; H. J. A. Simmons, Waldoboro; C. H. George, Hebron; C. A. Arnold, Arnold; A. W. Gilman, Foxcroft; A. P. Ring, Richmond; James S. Hoxie, No. Fairfield; D. B. Johnson, Freedom; M. S. Springer, Danforth; John C. Small, Cornish.

Fire Losses Enormous.

THE LOSS BY FIRE IN THE UNITED STATES IN 1892 WAS LARGER THAN FOR ANY YEAR SINCE OUR EXISTENCE AS A REPUBLIC. Up to date of going to press, 1893 bids fair to exceed by some millions its predecessor.

Are YOU not liable to be one of the Sufferers?

HAVE YOU MADE PROVISION FOR THIS CONTINGENCY?

Many Fire Insurance Companies failed and withdrew from business last year, and more will follow in their footsteps by the time you read this.

Every Company represented by us is solvent, and will be in the future when called upon. It costs no more for a Policy in these large Companies than in the doubtful ones.

ASK THE INSURANCE COMMISSIONER,

ASK OUR COMPETITORS

IF OUR COMPANIES are not the OLDEST, the LARGEST, the BEST.

If they all say "YES," place your Insurance with

MACOMBER, FARR & CO.,

**FIRE, LIFE AND ACCIDENT UNDERWRITERS,
AUGUSTA, MAINE.**

Eastern Maine Fair Association, 1893.

J. P. Bass, Bangor, President; E. H. Greeley, Ellsworth, Vice President; E. L. Stearns, Bangor, Secretary; E. B. Nealley, Bangor, Treasurer. Annual exhibition was held at Bangor, August 29, 30, 31, September 1, 1893.

Philosophy triumphs easily over past evils and future evils, but present evils triumph over it. . . . Hypocrisy is the homage vice pays to virtue. . . . The pleasure of love is in loving; we are happier in the passion we feel than in that we inspire. . . . We always like those who admire us, we do not always like those whom we admire. . . . The gratitude of most men is but a secret desire of receiving greater benefits. *Francis Duc de Rochefoucauld*, 1613-1680. —I do not know what I may appear to the world, but to myself I seem to have been only like a boy playing on the sea-shore, and diverting myself in now and then finding a smoother pebble, or a prettier shell than ordinary, whilst the great ocean of truth lay all undiscovered before me. *Isaac Newton*, 1642-1727. Often the cockloft is empty, in those whom nature hath built many stories high.

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AUGUSTA:
CHARLES E. NASH.

PRICE 10 CENTS.

Entered according to act of Congress, in the year 1893, by CHARLES E. NASH,
in the office of the Librarian of Congress, at Washington.

Editor's Notes.—Undoubtedly the great event of the past year has been the Columbian Exposition at Chicago. At the time of this writing (May 6, 1893), it has been launched into successful operation, and there is every reason to hope that it will fulfill the expectations of the projectors. Prince Albert, to whom the first World's Fair, in 1851, was mainly due, said at that time: "We are living at a period of wonderful transition, which tends rapidly to the accomplishment of that great end to which indeed all history points, the realization of the Unity of Mankind. I confidently hope the first impression which this vast collection of the world's industries and arts will produce upon the spectator will be that of deep thankfulness to the Almighty for the blessings which he has bestowed upon us, and the second the conviction that these blessings can only be realized in proportion to the help we are prepared to render to each other by peace, love, and ready assistance, not only between individuals, but between the nations of the earth." That these expositions are an important factor in promoting peace, unity and progress among the nations of the earth no one can now doubt.—But to descend from lofty themes to more humble topics, our little annual still holds its position among its competitors, and appears to maintain its place in the affections of its patrons. The greetings that we receive from our contributors are warm and hearty, and we would wish to return them with interest. Death has again invaded our ranks and stricken down some whose names have long been household words. The withdrawal of *Eb. Karz* and *Aunt Simpkins* from our band by the hand of Providence leaves a gap not easily filled. Both have been contributors for many years, and seldom has a number of the Almanac appeared within the last twenty years with these familiar names absent. *Querist* in a letter announcing the death of *Eb. Karz* writes as follows: "Our dearly beloved brother, *Eb. Karz* (Ezra Barker), departed this life August 9, 1892. He was born in Wakefield, N. H., Feb. 17, 1820, and was the last but one of a family of ten brothers and two sisters, children of Noah and Betsy Barker." *Querist*, the surviving brother of the family, writes that he is now eighty-nine years old. *T. H. McL—n* writes: "I received a letter from our old friend *Columbus*, containing the sad intelligence of the death of his daughter, Miss Lizzie J. Hemmenway, who passed up higher on the 27th of December, 1892. Miss Hemmenway (*Aunt Simpkins*) was one of the most brilliant of our band, always presenting something bright and sparkling. Her memory will always be sacredly cherished by those who have learned to admire her genius.

'Thus one by one the links are broken,
And all will soon be riven.'

Calchas writes: "The Almanac is as dear as ever. I have been so situated that I have neglected it, but in the future shall give it more attention. I am pained that so many of our esteemed correspondents have passed over the river." *Franklin* says the propoundings are "harder than usual," and he thinks *Tom Scott* had better practice a little of his own preaching and send something easier." *Plutarch* says: "A memorial of the 'good old times,' and always 'up with the times,' may the Maine Farmers' Almanac flourish till 'time shall be no longer.'" *Adrian* takes some exception to the criticism on "*Melatarsis*" in the answers to last year's propoundings, citing Walker's dictionary as an authority. He also claims that some "license" should be allowed, and quotes various examples from the Almanac.—Send your contributions as early as May 1st, to the publisher, C. E. NASH, Augusta, Maine, and he will forward them in due time to THE EDITOR.

N. B.—The astronomical calculations are for mean solar or true Maine time, and to reduce the same to the conventional or so-called standard or "railroad" time, subtract 21 minutes from the Almanac's figures.

Defer not till to-morrow to be wise,—to-morrow's sun to thee may never rise.

NAMES AND CHARACTERS OF THE SIGNS OF THE ZODIAC.

<i>Spring</i> <i>Signs.</i>	1 ♈ Aries, head,	<i>Autumn</i> <i>Signs.</i>	7 ♎ Libra, reins,
	2 ♉ Taurus, neck,		8 ♏ Scorpio, secrets,
<i>Summer</i> <i>Signs.</i>	3 ♊ Gemini, arms,	<i>Winter</i> <i>Signs.</i>	9 ♐ Sagittarius, thighs
	4 ♋ Cancer, breast,		10 ♑ Capricornus knees
	5 ♌ Leo, heart,		11 ♒ Aquarius, legs,
	6 ♍ Virgo, belly,		12 ♐ Pisces, feet.

NAMES AND CHARACTERS OF THE PLANETS.

☉ The Sun.	♀ Venus.	♄ Saturn.
☾ The Moon.	♂ Mars.	♅ Uranus.
☿ Mercury	♃ Jupiter.	

NAMES AND CHARACTERS OF THE ASPECTS AND NODES.

♌ Conjunction.	Sup. Superior.	♊ Ascending Node.
☐ Quadrature, 90°.	N. North. S. South.	♋ Descending Node.
♍ Opposition, 180°.	E. East. W. West.	Inf. Inferior.

CHRONOLOGICAL CYCLES OF 1894.

Dominical Letter, G	Epact, 23	Roman Indiction, 7
Golden Number, }	Solar Cycle, 27	Julian Period, 6607
or Lunar Cycle, { 14	Hegira, 1311-12	Jewish Year, A.M. 5654-5

BEGINNING AND LENGTH OF THE SEASONS.

Sun enters ♊ (Winter begins,) 1893, Dec. 21st, 9h. 20m. m.	} Au- gus- ta mean time.
“ “ ♈ (Spring “) 1894, Mar. 20th, 10h. 11m. m.	
“ “ ♋ (Summer “) 1894, June 21st, 6h. 10m. m.	
“ “ ♎ (Autumn “) 1894, Sept. 22d, 8h. 40m. ev.	
“ “ ♏ (Winter “) 1894, Dec. 21st, 3h. 11m. ev.	
Sun in the Winter signs,	89d. 0h. 51m.
“ “ Spring “	92 19 59
“ “ Summer “	93 14 30
“ “ Autumn “	89 18 31
“ north of Equator (Spring and Summer),	186 10 29
“ south of Equator (Winter and Autumn),	178 19 22
Length of the tropical year, commencing at the winter solstice, 1893, and terminat- ing at winter solstice, 1894,	} 365 5 51
Mean or average length of the tropical year,	
	365 5 49

ECLIPSES OF 1894.

In the year 1894, there will be *four* Eclipses, — two of the **SUN**, and two of the **MOON**. I. A *Partial Eclipse* of the **MOON**, March 21, invisible at Augusta. Augusta mean time of ♀ in Right Ascension, 8h. 48m. morning. II. An *Annular Eclipse* of the **SUN**, April 4, invisible at Augusta. Augusta mean time of ♂ in Right Ascension, 11h. 48m. evening. The central line of this eclipse crosses southern and eastern Asia. III. A *Partial Eclipse* of the **MOON**, September 14, visible at Augusta, as follows: Moon enters shadow, 10h. 56m. evening; middle of eclipse, 11h. 52m.; moon leaves shadow, 12h. 49m. Magnitude of the eclipse = 0.231 (moon's diameter = 1). IV. A *Total Eclipse* of the **SUN**, September 29, invisible at Augusta. Augusta mean time of ♂ in Right Ascension, 1h. 27m. morning. The central path of this eclipse is across eastern Africa and the Indian Ocean.—Transit of Mercury: There will be a transit of Mercury across the Sun's disk, November 10, visible at Augusta. Ingress, exterior contact, 11h. 16m. morning; egress, exterior contact, 4h. 33m. evening.

There is no man so bad but he secretly respects the good.—*Franklin*.

FIXED AND MOVABLE FESTIVALS, ANNIVERSARIES, &c., 1894.

Epiphany, or Twelfth Day, Jan. 6; *Septuagesima* Sunday, Jan. 21; *Quinquagesima*, or Shrove Sunday, Feb. 4; Ash Wednesday, Lent begins, Feb. 7; WASHINGTON'S BIRTH-DAY, Feb. 22; St. David's Day, March 1; *Palm Sunday*, March 18; *Good Friday* March 23; *Easter Sunday*, March 25; Annunciation, or Lady's Day, once first day of the year, March 25; *Low Sunday*, April 1; St. George's Day, April 23; *Rogation Sunday*, April 29; *Ascension Day*, or Holy Thursday, May 3; *Pentecost*, or Whit Sunday, May 13; *Trinity Sunday*, May 20; *Corpus Christi*, May 24; Soldiers' Memorial Day, May 30; St. John Baptist (Midsummer) Day, June 24; *American Independence Day*, July 4; Labor Day, Sept. 3; Michaelmas, Sept. 29; St. Andrew's Day, Nov. 30; *Advent Sunday*, Dec. 2; St. Thomas' Day, Dec. 21; Plymouth Pilgrims' Day, Dec. 22; Christmas, Dec. 25; St. Stephen's Day, Dec. 26; St. John Evangelist's Day, Dec. 27; Hogmany, or Scotch Christmas, Dec. 31. The year 1312 of the Hegira, or Mohammedan Era, begins July 5.

MORNING AND EVENING STARS FOR 1894.

Mercury (♿) morning star till January 29, evening till March 14, morning till May 20, evening till July 20, morning till Sept. 3, evening till November 10, then morning. *Venus* (♀) evening star till Feb. 16, morning till Nov. 30, then evening. *Mars* (♂) morning star till Oct. 20, then evening. *Jupiter* (♃) evening star till June 4, morning till Dec. 22, then evening. *Saturn* (♄) morning star till April 11, evening till October 21, then morning.

Yearly and Quarterly Meetings of Friends in New England for 1894.

The Yearly Meeting for 1894, commencing with that for Ministry and Oversight, at nine o'clock, A. M., on the 5th day before the 2d 6th day of the 6th mo., at Lynn, Mass. The meeting for church discipline begins at 9 o'clock on the 6th day morning, at Lynn. Public meetings for worship are held on 1st day, at 10 A. M. and 4 P. M.; also on 5th day following. This yearly meeting, embracing all N. England east of the Conn. river, comprises the Quarterly meetings of Rhode Island, Salem, Sandwich, Falmouth, Smithfield, Vassalborough, Dover, Fairfield and Parsonsfield; held as follows: Rhode Island Quarter, on the 1st 5th day of the second month, at Providence; of the 5th month at East Greenwich; of 8th month at Portland; and of 11th month at Fall River. Salem Quarter is held on the 3d 5th day in the 1st month, at Salem; on the 4th 5th day in the 5th month at Amesbury; on the 3d 5th day in the eighth month, at Lynn; and on the 3d 5th day in the 10th month, at Weare, N. H. Sandwich Quarter, on the 2d 5th day in the 1st and 4th months at New Bedford; on the 1st 5th day in the 7th month at Falmouth; and on the 2d 5th day in the 10th month at Sandwich. Falmouth Quarter, on the 7th day after the last 6th day in the month; at Portland in the 1st month; at Deering, in the 5th; at Durham in the 8th and at Windham in the 10th month. Smithfield Quarter, on the 2d 5th day in the month; at Worcester in the 2d month, at Northbridge in the 5th, Bolton in the 8th, and Woonsocket in the 11th month. Vassalborough Quarter is held on the 7th day after the 2d 6th day in the 2d 9th and 11th mos.; and on the 7th day after the last 6th day in the 5th month; at Vassalborough in the 9th month; at China in the 5th, and East Vassalboro' in the 2d and 11th months. Dover Quarter on the 7th day after the 1st 5th day in the 1st month at North Berwick; on the 7th day after the 3d 5th day in the month, at Dover in the 4th month; at North Berwick in the 8th month, and at Rochester in the 10th month; at 10.30. A. M. Fairfield Quarter at Winthrop, Me., on the 7th day after the 1st 6th day in the 2d month; at Manchester on the 7th day before the last 6th day in the 5th mo.; at St. Albans on the 7th day after the 1st 6th day in the 9th month, and at Fairfield on the 7th day after the 1st 6th day in the 11th month. Parsonsfield Quarter will be held on the 7th day after the 2d 5th day in the 1st month at East Parsonsfield, Me., on 7th day after the 3d 5th day in 5th month at North Sandwich, N. H.; on 7th day after 1st 6th day in 9th month at East Parsonsfield; and on 7th day after 1st 6th day in 11th month at North Sandwich.

Of all the causes which conspire to blind
Man's erring judgment, and misguide the mind,
What the weak head with strongest bias rules,
Is pride, the never failing vice of fools.— *A. Pope*, 1688 — 1744.

HIGH WATER AT PORTLAND HARBOR, 1894.

DAYS	Jan. h. m.	Feb. h. m.	Mar. h. m.	Apr. h. m.	May. h. m.	June h. m.	July. h. m.	Aug. h. m.	Sep. h. m.	Oct. h. m.	Nov. h. m.	Dec. h. m.
1	7 11	8 28	7 2	8 21	8 26	9 20	9 58	11 42	0 3	0 12	1 14	1 40
2	8 3	9 20	8 1	9 8	9 9	10 12	10 58	morn	0 43	0 55	2 3	2 26
3	8 54	10 8	8 55	9 49	9 52	11 6	11 55	0 29	1 24	1 37	2 54	3 12
4	9 42	10 52	9 42	10 29	10 36	morn	morn	1 14	2 8	2 25	3 47	3 58
5	10 29	11 33	10 24	11 7	11 22	0 1	0 49	1 59	2 54	3 18	4 40	4 45
6	11 13	morn	11 9	11 46	m'rn	0 58	1 40	2 42	3 47	4 16	5 34	5 32
7	11 56	0 10	11 40	morn	0 10	1 56	2 29	3 29	4 43	5 16	6 26	6 23
8	m'rn	0 47	m'rn	0 26	1 2	2 54	3 18	4 19	5 47	6 16	7 15	7 13
9	0 37	1 24	0 16	1 12	2 1	3 50	4 8	5 15	6 49	7 13	8 2	8 3
10	1 16	2 2	0 54	2 5	3 3	4 45	4 58	6 14	7 48	8 3	8 47	8 56
11	1 56	2 44	1 32	3 5	4 8	5 40	5 52	7 15	8 41	8 49	9 31	9 48
12	2 36	3 31	2 19	4 12	5 12	6 33	6 47	8 15	9 27	9 31	10 15	10 42
13	3 18	4 28	3 11	5 26	6 15	7 26	7 43	9 9	10 8	10 9	11 0	11 39
14	4 5	5 31	4 13	6 35	7 11	8 16	8 38	9 56	10 46	10 47	11 48	ev. 33
15	4 56	6 44	5 26	7 41	8 3	9 4	9 29	10 38	11 22	11 26	ev. 40	1 28
16	5 53	7 59	6 43	8 36	8 50	9 49	10 17	11 19	11 56	ev. 6	1 35	2 23
17	6 57	9 8	7 55	9 23	9 34	10 34	11 2	11 54	ev. 31	0 51	2 34	3 17
18	8 6	10 7	8 58	10 5	10 15	11 20	11 43	ev. 29	1 10	1 40	3 35	4 11
19	9 14	10 59	9 49	10 44	10 57	ev. 3	ev. 23	1 3	1 54	2 37	4 37	5 6
20	10 16	11 45	10 34	11 23	11 39	0 46	1 0	1 40	2 44	3 42	5 38	6 0
21	11 15	ev. 26	11 17	ev. 3	ev. 21	1 28	1 37	2 19	3 45	4 50	6 35	6 54
22	ev. 7	1 5	11 54	0 42	1 5	2 10	2 15	3 4	4 52	6 0	7 30	7 48
23	0 55	1 46	ev. 31	1 27	1 51	2 52	2 54	3 57	6 8	7 4	8 21	8 42
24	1 39	2 27	1 11	2 13	2 39	3 35	3 38	4 59	7 21	8 3	9 9	9 37
25	2 23	3 13	1 53	3 4	3 28	4 20	4 27	6 12	8 27	8 55	9 54	10 21
26	3 8	4 4	2 39	3 58	4 17	5 9	5 23	7 27	9 22	9 40	10 38	11 8
27	3 54	4 59	3 31	4 55	5 7	6 1	6 25	8 38	10 10	10 22	11 25	11 52
28	4 43	6 0	4 29	5 52	5 57	6 56	7 36	9 41	10 52	11 4	morn	morn
29	5 36		5 28	6 46	6 47	7 56	8 45	10 34	11 33	11 46	0 9	0 35
30	6 33		6 30	7 37	7 40	8 57	9 50	11 21	morn	morn	0 55	1 14
31	7 31		7 28		8 30		10 50	morn		0 28		1 55

TIDE TABLE FOR THE COAST OF MAINE AND NEIGHBORING PORTS.

Places.	h.	m.	Places.	h.	m.
Eastport,	—	0 9	Dresden,	+	2 52
Pleasant River.	+	0 6	Gardiner,	+	3 16
Owls' Head,	—	0 8	Hallowell,	+	3 32
Rockland,	—	0 15	Harpswell,	—	0 20
Camden,	—	0 11	Richmond's Island,	+	0 13
Bangor,	—	0 25	Portsmouth,	+	0 6
Thomaston,	—	0 5	Newburyport,	+	0 19
Port Clyde,	—	0 19	Ipswich,	+	0 9
Boothbay,	—	0 15	Annisquam,	—	0 17
Damariscotta,	—	0 9	Rockport,	—	0 20
Sheepscot Entrance,	—	0 6	Gloucester,	—	0 24
Wiscasset,	—	0 5	Salem,	—	0 15
Hunnewell's Point,	—	0 2	Marblehead,	—	0 17
Bath,	+	0 56	Nahant,	—	0 19
Abagadasset Point,	+	2 08	Boston Light,	—	0 16

The time of high water at Portland is given for the tide which follows the moon's southing; the time of the next tide may be found by adding 12h. 24m. To find the time of high water at any of the ports named above, find the time of high water at Portland, on the given day, and then add or subtract the figures opposite the name of the port, according to the sign + or —.

1894.

JANUARY has thirty-one days.

SUN'S DECLINATION, SOUTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	22	58	7	22	19	13	21	24	19	20	14	25	18	51
2	22	53	8	22	11	14	21	13	20	20	1	26	18	36
3	22	47	9	22	2	15	21	2	21	19	48	27	18	20
4	22	41	10	21	53	16	20	51	22	19	34	28	18	4
5	22	34	11	21	44	17	20	39	23	19	20	29	17	48
6	22	27	12	21	34	18	20	27	24	19	6	30	17	32

MOON'S

● New Moon 6th day, 10h. 28m. evening. N. W.
 ☾ First Quarter 14th day, 7h. 30m. even. S. W.
 ○ Full Moon 21st day, 10h. 32m. morn. N. W.
 ☾ Last Quarter 28th day, 0h. 12m. evening. W.

PHASES.

D.M.	D. W.	☉ r. h. m.	☉ s. h. m.	L. D. h. m.	D. in. h. m.	☉ so. h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	Mond.	7 36	4 32	8 56	0 5	12 4	☾	24	2 40	7 43	7 17
2	Tues.	7 36	4 33	8 57	0 6	12 4	☾	25	3 45	8 28	8 11
3	Wed.	7 36	4 34	8 58	0 7	12 5	☾	26	4 51	9 15	9 3
4	Thur.	7 36	4 35	8 59	0 8	12 5	☾	27	5 55	10 5	9 54
5	Friday.	7 36	4 36	9 0	0 9	12 6	☾	28	6 52	10 56	10 43
6	Satur.	7 36	4 37	9 1	0 10	12 6	☾	● sets.		11 47	11 27
7	SUN.	7 36	4 38	9 2	0 11	12 7	☾	1	4 53	ev. 38	morn
8	Mond.	7 35	4 39	9 4	0 13	12 7	☾	2	5 57	1 27	0 10
9	Tues.	7 35	4 40	9 5	0 14	12 8	☾	3	7 7	2 13	0 51
10	Wed.	7 35	4 41	9 6	0 15	12 8	☾	4	8 14	2 57	1 31
11	Thur.	7 34	4 42	9 8	0 17	12 8	☾	5	9 21	3 40	2 10
12	Friday.	7 34	4 43	9 9	0 18	12 9	☾	6	10 29	4 22	2 49
13	Satur.	7 34	4 45	9 11	0 20	12 9	☾	7	11 38	5 5	3 28
14	SUN.	7 33	4 46	9 13	0 22	12 9	☾	☾ morn		5 50	4 11
15	Mond.	7 33	4 47	9 14	0 23	12 10	☾	9	0 51	6 38	5 2
16	Tues.	7 32	4 48	9 16	0 25	12 10	☾	10	2 6	7 31	5 59
17	Wed.	7 31	4 50	9 19	0 28	12 10	☾	11	3 25	8 30	7 3
18	Thurs.	7 31	4 51	9 20	0 29	12 11	☾	12	4 45	9 35	8 13
19	Friday.	7 30	4 52	9 22	0 31	12 11	☾	13	6 1	10 42	9 23
20	Satur.	7 29	4 53	9 24	0 33	12 11	☾	14	7 6	11 49	10 30
21	SUN.	7 29	4 55	9 26	0 35	12 12	☾	○ rises		morn	11 29
22	Mond.	7 28	4 56	9 28	0 37	12 12	☾	16	6 16	0 51	ev. 20
23	Tues.	7 27	4 57	9 30	0 39	12 12	☾	17	7 39	1 48	1 10
24	Wed.	7 26	4 59	9 33	0 42	12 12	☾	18	8 55	2 39	1 54
25	Thurs.	7 25	5 0	9 35	0 44	12 13	☾	19	10 8	3 27	2 37
26	Friday.	7 24	5 1	9 37	0 46	12 13	☾	20	11 18	4 12	3 19
27	Satur.	7 23	5 3	9 40	0 49	12 13	☾	21	morn	4 55	4 1
28	SUN.	7 22	5 4	9 42	0 51	12 13	☾	☾	0 27	5 39	4 49
29	Mond.	7 21	5 6	9 45	0 54	12 13	☾	23	1 35	6 24	5 42
30	Tues.	7 20	5 7	9 47	0 56	12 14	☾	24	2 42	7 11	6 39
31	Wed.	7 19	5 8	9 49	0 58	12 14	☾	25	3 47	8 0	7 38

The more we study, the more we discover our ignorance.—Shelley.



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	2	Edmund Burke b. 1728.	ONE can hardly take up a daily paper that does not contain an account of an accident more or less serious from the use of kerosene, and yet when we realize the fact that millions use nothing but kerosene for illuminating their houses, and that the vast majority use only glass lamps, it is even surprising that we do not have more accidents from this source. The upsetting or breaking of a lamp, and the ignition of the oil from the burning wick, often starts a conflagration that a little presence of mind and prompt action at the time of the accident would have averted. It is the duty of every mother to be cool-headed, and to train her children to be cool and collected at such times as these. Nowhere is calm judgment needed more often than in the household. Another fruitful cause of accidents is the practice of kindling the fire with kerosene. Of course accidents of this kind are due to the most reckless carelessness, and yet it is strange how often people considered sensible in most respects will yield to this folly. Save pork-rinds, scraps from trying out fat, and greasy papers, to assist in kindling the fire, but let kerosene alone. In dwellings where gas is used there is danger frequently lurking in the gas-pipes. When there is the slightest odor of gas about the premises, a careful inspection should be made till the leak is discovered. Every person should understand that when a certain per cent of gas has become mixed with the surrounding air, a dangerous explosive is formed, and on the approach of flame the most disastrous consequences may result.—The best education in
2	3	{ S. J. Court, Bang. Bel. Machias, Saco. Com. C. Portland, Machias.	
3	4	♂ ♂ ♄. <i>A thaw will</i>	
4	5	♀ sets, 8h. 21m. even.	
5	6	☽ in apogee. ♂ ♀ ♄.	
6	7	High tides. <i>be in</i>	
7	G	1st. Sab. <i>order about</i>	
8	2	Bat. New Orleans, 1815.	
9	3	{ S. J. Court, Portland. <i>this</i>	
10	4	♂ ♀ ♄. ♀ gr. brilliancy.	
11	5	♀ in aphelion. <i>time.</i>	
12	6	Pestalozzi born, 1746.	
13	7	☿ south, 7h. 43m. eve.	
14	G	2d Sab. Low tides.	
15	2	{ Day breaks, 5h. 50m. Twilight ends, 6h. 30m.	
16	3	{ S. J. Court Aub. Ells. ♂ ♄ ♄. C. Court, Houlton.	
17	4	Geo. Bancroft d. 1891.	
18	5	♂ rises, 4h. 23m. morn.	
19	6	Regnault died, 1878.	
20	7	☽ in perigee. <i>Snow</i>	
21	G	3d Sab. Very high tides.	
22	2	Byron born, 1788.	
23	3	{ Com. Court Ellsworth. <i>or perhaps</i>	
24	4	♀ stationary.	
25	5	Burns born, 1759.	
26	6	♂ in ☿. ☽ in ☿.	
27	7	♂ ♄ ♄. <i>rain.</i>	
28	G	4th Sab. Low tides.	
29	2	♂ ♄ ♄. ♂ ♀ ☼ superior.	
30	3	Asa Gray died, 1888.	
31	4	♀ gr. hel. lat. south.	

the world is that got by struggling to get a living. *W. Phillips.*— True contentment depends not on what we have; a tub was large enough for Diogenes, but a world was too little for Alexander. *Colton.*— Let thy words be few.

1894. FEBRUARY has twenty-eight days.

SUN'S DECLINATION, SOUTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	16	58	7	15	9	13	13	12	19	11	6	25	8	55
2	16	40	8	14	50	14	12	51	20	10	45	26	8	32
3	16	23	9	14	31	15	12	31	21	10	23	27	8	10
4	16	5	10	14	11	16	12	10	22	10	1	28	7	47
5	15	47	11	13	52	17	11	49	23	9	39			
6	15	28	12	13	32	18	11	28	24	9	17			

MOON'S	●	New Moon	5th day, 5h. 6m. evening.	W.
	☾	First Quarter	13th day, 6h. 4m. morning.	N.
	○	Full Moon	19th day, 9h. 37m. evening.	S. E.
	☾	Last Quarter	27th day, 7h. 49m. morn.	S W.

PHASES.

D. M.	D. W.	☼ r.	☼ s.	L. D.	D. in.	☼ so.	☾	☾	☾ ri.	☾ so.	H. W.
		h. m.	h. m.	h. m.	h. m.	h. m.	p.	a.	& set.	h. m.	Bost.
1	Thur.	7 18	5 10	9 52	1 1	12 14	↑	26	4 46	8 50	8 36
2	Friday.	7 17	5 11	9 54	1 3	12 14	☾	27	5 40	9 42	9 30
3	Satur.	7 16	5 13	9 57	1 6	12 14	☾	28	6 27	10 33	10 21
4	SUN.	7 14	5 14	10 0	1 9	12 14	☾	29	7 2	11 23	11 7
5	Mond.	7 13	5 15	10 2	1 11	12 14	☾	●	sets	ev. 10	11 46
6	Tues.	7 12	5 17	10 5	1 14	12 14	☾	1	6 4	0 56	morn
7	Wed.	7 11	5 18	10 7	1 16	12 14	☾	2	7 11	1 39	0 25
8	Thur.	7 9	5 20	10 11	1 20	12 14	☾	3	8 21	2 22	1 2
9	Friday.	7 8	5 21	10 13	1 22	12 14	☾	4	9 29	3 4	1 39
10	Satur.	7 7	5 22	10 15	1 24	12 14	☾	5	10 39	3 48	2 17
11	SUN.	7 5	5 24	10 19	1 28	12 14	☾	6	11 53	4 34	2 56
12	Mond.	7 4	5 25	10 21	1 30	12 14	☾	7	morn	5 25	3 40
13	Tues.	7 2	5 26	10 24	1 33	12 14	☾	☾	1 10	6 20	4 34
14	Wed.	7 1	5 28	10 27	1 36	12 14	☾	9	2 28	7 20	5 37
15	Thur.	6 59	5 29	10 30	1 39	12 14	☾	10	3 43	8 24	6 50
16	Friday.	6 58	5 31	10 33	1 42	12 14	☾	11	4 49	9 29	8 6
17	Satur.	6 56	5 32	10 36	1 45	12 14	☾	12	5 45	10 32	9 17
18	SUN.	6 55	5 33	10 38	1 47	12 14	☾	13	6 27	11 31	10 20
19	Mond.	6 53	5 35	10 42	1 51	12 14	☾	○	rises.	morn	11 14
20	Tues.	6 52	5 36	10 44	1 53	12 14	☾	15	6 28	0 25	11 59
21	Wed.	6 50	5 37	10 47	1 56	12 14	☾	16	7 43	1 14	ev. 40
22	Thur.	6 48	5 39	10 51	2 0	12 14	☾	17	8 57	2 1	1 21
23	Friday.	6 47	5 40	10 53	2 2	12 14	☾	18	10 9	2 46	2 0
24	Satur.	6 45	5 41	10 56	2 5	12 13	☾	19	11 18	3 31	2 41
25	SUN.	6 44	5 43	10 59	2 8	12 13	☾	20	morn	4 17	3 24
26	Mond.	6 42	5 44	11 2	2 11	12 13	☾	21	0 28	5 4	4 10
27	Tues.	6 40	5 45	11 5	2 14	12 13	↑	☾	1 35	5 53	5 5
28	Wed.	6 39	5 47	11 8	2 17	12 13	↑	23	2 38	6 43	6 5

There is what I call the American idea. . . . This idea demands, as the proximate organization thereof, a democracy, that is, a government of all the people, by all the people, for all the people; of course, a government of the principles of eternal justice, the unchanging law of God.—*Theo. Parker*



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
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1	5	☽ in apogee. ♂ ♂ ☾.
2	6	Wend. Phillips d. 1884.
3	7	☿ stationary. ☐ ☿ ☼.
4	G	1st Sab. Fair
5	2	High tides. ♀ in per
6	3	{ U. S. Dist. C. Portland. S. J. Court, Bang. Farm. ♂ ♀ ☾
7	4	Dickens born, 1812.
8	5	♂ ♀ ♀. cold and
9	6	☿ south, 6h. 1m. even.
10	7	☽ in ☿. frosty.
11	G	2d Sab. ☐ ☿ ☼.
12	2	Lincoln born, 1809.
13	3	{ S. J. Court, Paris. ♂ ☿ ☾.
14	4	Low tides.
15	5	{ Day breaks 5h. 23m. Twil. ends 7h. 6m.
16	6	♂ ♀ ☼ inferior.
17	7	☽ in perigee.
18	G	3d Sab. ☿ stationary.
19	2	High tides ♀ in ☿.
20	3	♂ rises, 4h. 1m. morn.
21	4	♀ greatest brilliancy.
22	5	Washington's birth-day.
23	6	♂ ☿ ☾. Warmer.
24	7	♀ sets, 7h. 13m. eve.
25	G	4th Sab. ♂ ☿ ☾.
26	2	Low tides.
27	3	{ S. J. Court, Dover.
28	4	Lamartine died, 1869

Prof. Elihu Thompson, an expert in electrical matters, discourses about lightning-rods in the *Electrical World*. He thinks that a properly constructed and arranged lightning-rod will afford complete protection. He thinks lightning-rods are not of much utility in the case of buildings which have metal pipes running from the ground up to the highest story and through the roof, especially if these pipes extend to a considerable height above the building or above its highest part. In case the building has a metal roof with pipes running from the ground to the roof, there is little liability of damage being done below the roof, although any chimney projecting above the roof might be struck and shattered. Lightning-rods are of little use for buildings adjoining tall chimneys or church spires which are themselves provided with lightning-rods. To be effective the rod must be thoroughly connected with the ground. Gas and water pipes form a good connection. It must be of sufficient size not to be injured by the heaviest possible discharge which would be liable to pass over it. A half-inch iron rod has never been known to be injured. A one-inch galvanized-iron pipe, with the screw joints well secured, and painted so as not to rust at the joints, would be a good conductor. A flat strip of copper, one-sixteenth inch thick by an inch and a half wide, securely tacked to the building and running down its corners is a good form of conductor. Rods need

not be insulated from the building. The ordinary provisions for insulation so far as lightning discharges are concerned, are practically worthless. If there are large masses of metal in the building, connect them with the rod and with the ground.—When tempted to commit a base deed, respect thyself, though there be no witness. *Antonius*.—Wisdom is better than rubies. Every noble crown is, and on earth will ever be, a crown of thorns. *Carlyle*.

1894.

MARCH has thirty-one days.

SUN'S DECLINATION, SOUTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	7	24	7	5	5	13	2	44	19	0	22	25	2	0
2	7	1	8	4	42	14	2	21	20	N.	2	26	2	23
3	6	38	9	4	19	15	1	57	21	0	25	27	2	47
4	6	15	10	3	55	16	1	33	22	0	49	28	3	10
5	5	52	11	3	31	17	1	9	23	1	13	29	3	34
6	5	29	12	3	8	18	0	46	24	1	36	30	3	57

MOON'S	●	New Moon 7th day, 9h. 39m. morning.	S. E.
	☾	First Quarter 14th day, 1h. 49m. even.	S. E.
	○	Full Moon 21st day, 9h. 32m. morning.	N. W.
	☾	Last Quarter 29th day, 3h. 49m. morn.	S. E.

PHASES.

P. M.	D. W.	☼ R. h m.	☼ S. h m.	L. D. h. m.	D in. h. m.	☼ SO. h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	Thur.	6 37	5 48	11 11	2 20	12 12	☾	24	3 34	7 35	7 8
2	Friday.	6 35	5 49	11 14	2 23	12 12	☾	25	4 21	8 26	8 8
3	Satur.	6 33	5 51	11 18	2 27	12 12	☾	26	5 2	9 16	9 4
4	SUN.	6 32	5 52	11 20	2 29	12 12	☾	27	5 34	10 5	9 54
5	Mond.	6 30	5 53	11 23	2 32	12 12	☾	28	6 1	10 51	10 38
6	Tues.	6 28	5 55	11 27	2 36	12 11	☾	29	6 21	11 36	11 18
7	Wed.	6 26	5 56	11 30	2 39	12 11	☾	● sets.	ev. 19	11 54	
8	Thur.	6 25	5 57	11 32	2 41	12 11	☾	1	7 20	1 2	morn
9	Friday.	6 23	5 58	11 35	2 44	12 11	☾	2	8 30	1 46	0 30
10	Satur.	6 21	6 0	11 39	2 48	12 10	☾	3	9 42	2 32	1 8
11	SUN.	6 19	6 1	11 42	2 51	12 10	☾	4	11 0	3 22	1 48
12	Mond.	6 17	6 2	11 45	2 54	12 10	☾	5	morn	4 15	2 33
13	Tues.	6 16	6 4	11 48	2 57	12 10	☾	6	0 19	5 13	3 22
14	Wed.	6 14	6 5	11 51	3 0	12 9	☾	☾	1 34	6 15	4 20
15	Thurs.	6 12	6 6	11 54	3 3	12 9	☾	8	2 42	7 19	5 31
16	Friday.	6 10	6 7	11 57	3 6	12 9	☾	9	3 38	8 20	6 49
17	Satur.	6 8	6 9	12 1	3 10	12 8	☾	10	4 24	9 19	8 1
18	SUN.	6 6	6 10	12 4	3 13	12 8	☾	11	4 58	10 13	9 7
19	Mond.	6 5	6 11	12 6	3 15	12 8	☾	12	5 25	11 3	10 2
20	Tues.	6 3	6 12	12 9	3 18	12 7	☾	13	5 47	11 51	10 50
21	Wed.	6 1	6 13	12 12	3 21	12 7	☾	○ rises.	morn	11 31	
22	Thurs.	5 59	6 15	12 16	3 25	12 7	☾	15	7 45	0 36	ev. 8
23	Friday.	5 57	6 16	12 19	3 28	12 7	☾	16	8 57	1 21	0 46
24	Satur.	5 55	6 17	12 22	3 31	12 6	☾	17	10 9	2 7	1 26
25	SUN.	5 54	6 18	12 24	3 33	12 6	☾	18	11 20	2 54	2 8
26	Mond.	5 52	6 20	12 28	3 37	12 6	☾	19	morn	3 43	2 52
27	Tues.	5 50	6 21	12 31	3 40	12 5	☾	20	0 24	4 34	3 40
28	Wed.	5 48	6 22	12 34	3 43	12 5	☾	21	1 24	5 26	4 35
29	Thurs.	5 46	6 23	12 37	3 46	12 5	☾	☾	2 16	6 17	5 33
30	Friday.	5 44	6 25	12 41	3 50	12 4	☾	23	2 58	7 8	6 35
31	Satur.	5 42	6 26	12 44	3 53	12 4	☾	24	3 34	7 57	7 35

MARCH, third Month.— Begins on Thursday. 1894.



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	<i>Farmers' Calendar.</i>
1	5	☾ in apogee.	It has been but a few years since the doctrine of evolution was strenuously opposed by a great majority of intelligent people. It was especially fought against by the churches, as something calculated to undermine the foundations of religion. This prejudice is passing away, but it "dies hard." But what is the doctrine of evolution? It teaches that the changes which take place in the universe both of mind and matter follow an orderly sequence, that every succeeding change can only be explained and understood through a comprehension of the preceding one. Evolution, in fact, is nothing more than a generalization of the idea of cause. Every man within certain limits is an evolutionist. In the sphere of human history the principle of evolution is fully recognized. The historian who should say that any given event had no relation, except that of time, to previous or subsequent events, would be scorned by every intelligent reader. The objection to the doctrine appears to lie in the suggestion that one animal or plant species could possibly have passed into or given birth to another. The creation of species is an office which their theology delegates to the simple fiat of a supernatural being, without the intervention of any natural causes. Whatever is most hideous, loathsome and destructive in the animal kingdom must be regarded, on their theory, as the special and intentional production of Divine Wisdom, no less than the noblest forms of life. Nevertheless men set themselves to destroy whatever in creation they find hurtful, asking practically—not, "Did Divine Wisdom
2	6	♂ ♂ ☾. <i>High winds.</i>	
3	7	Florida admitted, 1845.	
4	G	1st Sab. ♂ ♀ ☾.	
5	2	♀ rises, 4h. 56m. morn.	
6	3	{ S. J. Court, Augusta. C. C. Bath and Skowhegan.	
7	4	High tides. ♀ station'y.	
8	5	♂ ♀ ☾. <i>Some kind</i>	
9	6	☾ in ☿. <i>of a</i>	
10	7	☿ sets, 11h. 27m. even.	
11	G	2d Sab. <i>storm</i>	
12	2	♂ ☿ ☾. <i>is indicated</i>	
13	3	{ S. J. Court, Rockland. <i>about</i>	
14	4	Low tides. ♂ ♀ ☾ inf.	
15	5	{ Day breaks 4h. 35m. Twil. ends 7h. 43m.	
16	6	☾ in perigee. <i>this</i>	
17	7	♂ rises, 3h. 32m. morn.	
18	G	3d Sab. <i>time.</i>	
19	2	Livingstone born, 1819.	
20	3	{ S. J. Court, Skowhegan. ☼ enters ♉.	
21	4	High tides.	
22	5	♀ greatest brilliancy.	
23	6	♂ ♀ ☾. <i>Rain</i>	
24	7	♂ ☿ ☾. <i>or</i>	
25	G	4th Sab. <i>snow.</i>	
26	2	♀ stationary.	
27	3	John Bright died, 1889.	
28	4	♂ rises, 7h. 26m. even.	
29	5	☾ in apogee. ♀ in ☿.	
30	6	Very low tides.	
31	7	♂ ♂ ☾. <i>Colder.</i>	

create it for a wise purpose?" but "Does it suit our interests to allow it to exist?" Is there not an inconsistency here?—It is always safe to learn even from our enemies; seldom safe to instruct, even our friends. *Colton.*

1894.

APRIL has thirty days.

SUN'S DECLINATION, NORTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	4	43	7	7	0	13	9	13	19	11	20	25	13	20
2	5	6	8	7	23	14	9	35	20	11	41	26	13	40
3	5	29	9	7	45	15	9	56	21	12	1	27	13	59
4	5	52	10	8	7	16	10	17	22	12	21	28	14	18
5	6	15	11	8	29	17	10	38	23	12	41	29	14	36
6	6	38	12	8	51	18	10	59	24	13	1	30	14	55

MOON'S	●	New Moon 5th day, 11h. 21m. evening.	N.
	☾	First Quarter 12th day, 7h. 53m. even.	S. W.
	○	Full Moon 19th day, 10h. 22m. evening.	S. E.
	☾	Last Quarter 27th day, 10h. 41m. evening.	E.

PHASES.

D. M.	D. W.	☉ r. h. m.	☉ s. h. m.	L. D. h. m.	D. in. h. m.	☉ so. h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	SUN.	5 41	6 27	12 46	3 55	12 4	☾	25	4 2	8 44	8 29
2	Mond.	5 39	6 28	12 49	3 58	12 4	☾	26	4 25	9 29	9 17
3	Tues.	5 37	6 29	12 52	4 1	12 3	☾	27	4 45	10 13	10 2
4	Wed.	5 35	6 30	12 55	4 4	12 3	☾	28	5 3	10 56	10 43
5	Thur.	5 34	6 32	12 58	4 7	12 3	☾	● sets.		11 40	11 21
6	Friday.	5 32	6 33	13 1	4 10	12 2	☾	1	7 28	ev. 26	morn
7	Satur.	5 30	6 34	13 4	4 13	12 2	☾	2	8 45	1 15	0 0
8	SUN.	5 28	6 35	13 7	4 16	12 2	☾	3	10 5	2 9	0 41
9	Mond.	5 27	6 37	13 10	4 19	12 2	☾	4	11 25	3 7	1 28
10	Tues.	5 25	6 38	13 13	4 22	12 1	☾	5	morn	4 9	2 19
11	Wed.	5 23	6 39	13 16	4 25	12 1	☾	6	0 36	5 12	3 16
12	Thur.	5 21	6 40	13 19	4 28	12 1	☾	7	1 37	6 15	4 19
13	Friday.	5 20	6 42	13 22	4 31	12 0	☾	8	2 24	7 13	5 31
14	Satur.	5 18	6 43	13 25	4 34	12 0	☾	9	3 2	8 8	6 41
15	SUN.	5 16	6 44	13 28	4 37	12 0	☾	10	3 29	8 58	7 47
16	Mond.	5 14	6 45	13 31	4 40	12 0	☾	11	3 52	9 45	8 45
17	Tues.	5 13	6 46	13 33	4 42	11 59	☾	12	4 12	10 30	9 33
18	Wed.	5 11	6 48	13 37	4 46	11 59	☾	13	4 29	11 14	10 18
19	Thur.	5 9	6 49	13 40	4 49	11 59	☾	○ rises.		11 59	10 59
20	Friday.	5 8	6 50	13 42	4 51	11 59	☾	15	7 51	morn	11 37
21	Satur.	5 6	6 51	13 45	4 54	11 59	☾	16	9 1	0 46	ev. 16
22	SUN.	5 4	6 52	13 48	4 57	11 58	☾	17	10 10	1 34	0 57
23	Mond.	5 3	6 54	13 51	5 0	11 58	☾	18	11 12	2 24	1 41
24	Tues.	5 1	6 55	13 54	5 3	11 58	☾	19	morn	3 16	2 27
25	Wed.	5 0	6 56	13 56	5 5	11 58	☾	20	0 8	4 8	3 15
26	Thur.	4 58	6 57	13 59	5 8	11 58	☾	21	0 54	4 59	4 5
27	Friday.	4 57	6 59	14 2	5 11	11 57	☾	☾	1 33	5 49	5 0
28	Satur.	4 55	7 0	14 5	5 14	11 57	☾	23	2 3	6 37	5 58
29	SUN.	4 54	7 1	14 7	5 16	11 57	☾	24	2 27	7 22	6 52
30	Mond.	4 52	7 2	14 10	5 19	11 57	☾	25	2 48	8 5	7 44

Nothing great was ever achieved without enthusiasm.—R. W. Emerson.



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	G	1st Sab.	Quite
2	2	♂ ♀ ☾.	warm.
3	3	{ S. J. Court, { C. Court, Aub. Rock Bang. & Bath. { Bang. Dover, Alfred.	
4	4	Benj. Peirce born, 1809.	
5	5	☾ in ☿. High tides.	
6	6	Raphael born, 1483.	
7	7	Wordsworth b. 1770.	
8	G	2d Sab.	April
9	2	♂ rises, 4h. 45m. morn.	
10	3	{ S. J. C. Portland and Ellsworth. C. C. Ellsworth.	
11	4	♂ ♀ ☼.	showers.
12	5	Low tides.	
13	6	♀ rises, 3h. 40m. morn.	
14	7	Lincoln shot, 1865.	
15	G	3d Sab. { Day breaks, 3h. 30m. Twilight ends, 8h. 30m.	
16	2	☿ sets, 9h. 49m. even.	
17	3	{ S. J. C. Auburn and Belfast. C. C. Augusta and Belfast.	
18	4	☾ in ☿. Fair, cool	
19	5	High tides, ♂ ♀ ☾.	
20	6	Napoleon III b. 1808.	
21	7	♂ ☿ ☾.	and
22	G	4th Sab.	frosty.
23	2	{ U. S. Circuit { ♀ in ☿. Ct Portland.	
24	3	{ S. J. C. Wis. Calais, Houlton. C. C. Calais & Farmington.	
25	4	Cowper died, 1800.	
26	5	☾ in apogee. Warmer.	
27	6	Very low tides.	
28	7	Pres't Monroe b 1758.	
29	G	5th Sab. ♂ ☿ ☾.	
30	2	Bat. Fontenoy, 1745.	

any abandonment of their cardinal principle.—No soul is desolate so long as there is a human being for whom it can feel trust and reverence. *George Eliot*.—An unkind word falls easily from the tongue, but a coach and six horses cannot bring it back. *Chinese proverb*.—Life is always interesting when you have a purpose and live in its fulfillment. *Lord Beaconsfield*.

1894.

MAY has thirty-one days.

SUN'S DECLINATION, NORTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	15	13	7	16	57	13	18	30	19	19	52	25	21	2
2	15	31	8	17	13	14	18	45	20	20	5	26	21	13
3	15	49	9	17	29	15	18	59	21	20	17	27	21	23
4	16	6	10	17	45	16	19	13	22	20	29	28	21	32
5	16	23	11	18	0	17	19	26	23	20	40	29	21	42
6	16	40	12	18	15	18	19	39	24	20	51	30	21	51

MOON'S

● New Moon 5th day, 10h. 3m. morning. S. E.
☾ First Quarter 12th day, 1h. 42m. morn. N. W.
○ Full Moon 19th day, 0h. 4m. evening. N.
☾ Last Quarter 27th day, 3h. 25m. even. N. W.

PHASES.

D. M.	D. W.	☉ r. h.m.	☉ s. h.m.	L. D. h.m.	D.in. h.m.	☉ so. h. m.	☾ p.	☾ a.	☾ ri. &set.	☾ so. h. m.	H. W. Bost.
1	Tues.	4 51	7 3	14 12	5 21	11 57	☾	26	3 7	8 48	8 33
2	Wed.	4 49	7 5	14 16	5 25	11 57	☾	27	3 24	9 30	9 18
3	Thurs.	4 48	7 6	14 18	5 27	11 57	☾	28	3 43	10 16	10 5
4	Friday.	4 46	7 7	14 21	5 30	11 57	☾	29	4 4	11 5	10 5
5	Satur.	4 45	7 8	14 23	5 32	11 57	☾	●	sets.	11 57	11 36
6	SUN.	4 44	7 9	14 25	5 34	11 56	☾	1	9 3	ev.55	morn
7	Mond.	4 42	7 11	14 29	5 38	11 56	☾	2	10 21	1 57	0 24
8	Tues.	4 41	7 12	14 31	5 40	11 56	☾	3	11 30	3 2	1 18
9	Wed.	4 40	7 13	14 33	5 42	11 56	☾	4	morn	4 7	2 15
10	Thurs.	4 39	7 14	14 35	5 44	11 56	☾	5	0 23	5 8	3 14
11	Friday.	4 37	7 15	14 38	5 47	11 56	☾	6	1 3	6 4	4 15
12	Satur.	4 36	7 16	14 40	5 49	11 56	☾	☾	1 34	6 56	5 18
13	SUN.	4 35	7 17	14 42	5 51	11 56	☾	8	1 57	7 43	6 21
14	Mond.	4 34	7 19	14 45	5 54	11 56	☾	9	2 17	8 28	7 17
15	Tues.	4 33	7 20	14 47	5 56	11 56	☾	10	2 36	9 12	8 11
16	Wed.	4 32	7 21	14 49	5 58	11 56	☾	11	2 55	9 56	8 59
17	Thurs.	4 31	7 22	14 51	6 0	11 56	☾	12	3 13	10 41	9 45
18	Friday.	4 30	7 23	14 53	6 2	11 56	☾	13	3 35	11 28	10 29
19	Satur.	4 29	7 24	14 55	6 4	11 56	☾	○	rises.	morn	11 11
20	SUN.	4 28	7 25	14 57	6 6	11 56	☾	15	9 0	0 17	11 52
21	Mond.	4 27	7 26	14 59	6 8	11 56	☾	16	10 0	1 8	ev.35
22	Tues.	4 26	7 27	15 1	6 10	11 56	☾	17	10 49	2 1	1 21
23	Wed.	4 25	7 28	15 3	6 12	11 57	☾	18	11 31	2 52	2 6
24	Thurs.	4 24	7 29	15 5	6 14	11 57	☾	19	morn	3 43	2 52
25	Friday.	4 23	7 30	15 7	6 16	11 57	☾	20	0 4	4 31	3 37
26	Satur.	4 23	7 31	15 8	6 17	11 57	☾	21	0 30	5 16	4 23
27	SUN.	4 22	7 32	15 10	6 19	11 57	☾	☾	0 52	5 59	5 12
28	Mond.	4 21	7 33	15 12	6 21	11 57	☾	23	1 10	6 41	6 2
29	Tues.	4 20	7 34	15 14	6 23	11 57	☾	24	1 28	7 23	6 54
30	Wed.	4 20	7 35	15 15	6 24	11 57	☾	25	1 46	8 7	7 46
31	Thurs.	4 19	7 36	15 17	6 26	11 57	☾	26	2 5	8 52	8 38



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	3	{ S. J. Court, Paris. ♂ ♀ ☾.	The dark spots that are occasionally seen on the surface of the sun have always been objects of interest to the astronomer as well as great puzzles. Several theories have been promulgated to account for their appearance, none of which are entirely satisfactory. One is that they are caused by meteoric matter falling into the sun, and causing a great "splash." The nucleus, as the darkest part is called, is comparatively cold, and at a lower level than the general surface of the sun, while around the spot are generally seen what are called <i>faculae</i>, parts of the sun's surface which are raised up. Often moving masses of molten matter can be traced surging round and over the nucleus. A spot which appeared in 1892 was 100,000 miles in length by 60,000 in breadth. It has been found that there is a periodicity in the occurrence of the spots. This period is about eleven years, or the "spottiness" of the sun reaches its maximum every eleven years, dying gradually down to its minimum or absolute freedom from spots, and as gradually increasing. It is a remarkable fact, and one not yet explained, that terrestrial magnetic disturbances are coincident with the appearance of spots, and the intensity of the disturbance bears a direct ratio to the size of the spot. In the case of the spot of 1892, before mentioned, a great magnetic disturbance, amounting to several degrees in the deviation of the magnetic needle, occurred soon after the spot had passed the central meridian, and lasted for twenty-four hours, being accompanied by aurora at night. What the physical connection is between solar spots and mag-
2	4	Bat. Chanc'ville, 1863.	
3	5	♂ ☿ ☼. ☽ in ☿.	
4	6	♂ ♀ ☾. <i>Fine</i>	
5	7	High tides. <i>weather.</i>	
6	G	1st Sab. ♂ ♀ ☾. for	
7	2	☽ in perigee. <i>some</i>	
8	3	{ Com. Court, Wisc. and Paris. <i>time.</i>	
9	4	J. S. Mill died, 1873.	
10	5	Battle Lodi, 1796.	
11	6	♂ gr. hel. lat. N.	
12	7	Low tides. <i>Perhaps</i>	
13	G	2d Sab. <i>rain.</i>	
14	2	☿ sets, 8h. 29m. even.	
15	3	{ S. J. Court, { Day breaks, 2h. 27m. Alfred. { Twilight ends, 9h. 25m.	
16	4	♂ ♀ ☾. <i>Cooler.</i>	
17	5	Athens captured, 1827.	
18	6	♂ ☿ ☼. ♀ in ☿.	
19	7	High tides.	
20	G	3d Sab. ♂ ♀ ☼ super'r.	
21	2	Columbus died, 1506.	
22	3	{ S. J. Court, Augusta, Law Term.	
23	4	☽ in apogee. ♀ gr. bril.	
24	5	Copernicus died, 1543.	
25	6	Emerson born, 1803.	
26	7	♂ ♀ ☿. <i>Growing</i>	
27	G	4th Sab. Low tides.	
28	2	♂ ♂ ☾. ♀ in aphelion.	
29	3	Gen. Scott died, 1866.	
30	4	Soldiers' Memorial.	
31	5	♂ ♀ ☾. <i>weather.</i>	

netic storms is a question which has hitherto entirely baffled the skill of astronomers.—When you shut the door of hope on any human soul you may at once give up all chance of its reformation. *Miss Muloch*.—God always has an angel of help for those who are willing to do their duty.

1894.

JUNE has thirty days.

SUN'S DECLINATION. NORTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	22	7	7	22	48	13	23	15	19	23	27	25	23	24
2	22	15	8	22	54	14	23	18	20	23	27	26	23	22
3	22	23	9	22	59	15	23	20	21	23	27	27	23	19
4	22	30	10	23	3	16	23	23	22	23	27	28	23	17
5	22	36	11	23	7	17	23	24	23	23	26	29	23	13
6	22	42	12	23	11	18	23	26	24	23	25	30	23	10

MOON'S	●	New Moon 3d day, 6h. 17m. evening.	W.
	☾	First Quarter 10th day, 8h. 35m. morn. N. E.	
	○	Full Moon 18th day, 2h. 27m. morn. S. W.	
	☾	Last Quarter 26th day, 5h. 23m. morn. S.	

PHASES.

D. M.	D. W.	☼ r.	☼ s.	L. D.	D. in.	☼ so	☾	☾	☾ ri.	☾ so	H. W.
		h. m.	h. m.	h. m.	h. m.	h. m.	p.	a.	& set.	h. m.	Bost.
1	Friday.	4 19	7 36	15 18	6 27	11 58	☾	27	2 27	9 42	9 30
2	Satur.	4 18	7 37	15 19	6 28	11 58	☾	28	2 53	10 37	10 25
3	SUN.	4 18	7 38	15 20	6 29	11 58	☾	●	sets.	11 38	11 20
4	Mond.	4 17	7 39	15 22	6 31	11 58	☾	1	9 12	ev. 44	morn
5	Tues.	4 17	7 40	15 23	6 32	11 58	☾	2	10 14	1 51	0 15
6	Wed.	4 17	7 40	15 24	6 33	11 58	☾	3	11 2	2 57	1 12
7	Thur.	4 16	7 41	15 25	6 34	11 59	☾	4	11 35	3 58	2 10
8	Friday.	4 16	7 42	15 26	6 35	11 59	☾	5	morn	4 51	3 5
9	Satur.	4 16	7 42	15 26	6 35	11 59	☾	6	0 2	5 41	3 57
10	SUN.	4 16	7 43	15 27	6 36	11 59	☾	☾	0 23	6 27	4 51
11	Mond.	4 15	7 43	15 28	6 37	11 59	☾	8	0 43	7 11	5 45
12	Tues.	4 15	7 44	15 29	6 38	12 0	☾	9	1 1	7 55	6 39
13	Wed.	4 15	7 44	15 29	6 38	12 0	☾	10	1 19	8 39	7 32
14	Thur.	4 15	7 45	15 30	6 39	12 0	☾	11	1 40	9 25	8 23
15	Friday.	4 15	7 45	15 30	6 39	12 0	☾	12	2 4	10 13	9 13
16	Satur.	4 15	7 46	15 31	6 40	12 0	☾	13	2 32	11 3	10 2
17	SUN.	4 15	7 46	15 31	6 40	12 1	☾	14	3 11	11 55	10 50
18	Mond.	4 15	7 46	15 31	6 40	12 1	☾	☾	ris.	morn	11 34
19	Tues.	4 16	7 47	15 31	6 40	12 1	☾	16	9 29	0 47	ev. 17
20	Wed.	4 16	7 47	15 31	6 40	12 1	☾	17	10 5	1 38	1 1
21	Thur.	4 16	7 47	15 31	decr	12 2	☾	18	10 33	2 27	1 43
22	Friday.	4 16	7 47	15 31	0 0	12 2	☾	19	10 55	3 13	2 25
23	Satur.	4 16	7 47	15 31	0 0	12 2	☾	20	11 14	3 56	3 3
24	SUN.	4 17	7 48	15 31	0 0	12 2	☾	21	11 32	4 38	3 44
25	Mond.	4 17	7 48	15 31	0 0	12 2	☾	22	11 49	5 19	4 27
26	Tues.	4 17	7 48	15 31	0 0	12 3	☾	☾	morn	6 1	5 14
27	Wed.	4 18	7 48	15 30	0 1	12 3	☾	24	0 7	6 44	6 6
28	Thur.	4 18	7 48	15 30	0 1	12 3	☾	25	0 27	7 30	7 2
29	Friday.	4 19	7 48	15 29	0 2	12 3	☾	26	0 50	8 21	8 3
30	Satur.	4 19	7 48	15 29	0 2	12 3	☾	27	1 21	9 18	9 6

God the first garden made, and the first city Cain.— A. Cowley, d. 1667



D. M.	D. W.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	6	Tennessee adm't'd 1796.	AMONG the annoyances to which farmers are subjected, insect enemies are perhaps the most formidable. Fruit-growers, especially, can only hope for success through unremitting diligence in searching out and destroying these tiny depredators. They must study their characteristics and habits, and be prepared to fight them in season and out of season. But while it is necessary to be ever on the alert to foil the attempts of one's enemies, there is need of equal care to avoid doing ourselves injury by the destruction of our friends. There are multitudes of predatory insects that are among the farmers' best friends, and they are often destroyed through ignorance together with the noxious ones. Nearly all the lace-wings, which include the ant-lions, aphids, dragon-flies, etc., are beneficial, since they live wholly on other insects, and so help preserve our crops. Several bugs, like the great wheel-bug and the soldier-bug, feed exclusively on other insects. Of the beetles, the beautifully spotted lady-bird beetle, the black, long-legged ground-beetles, the quick, fierce tiger-beetles, and some others, are valuable in holding insect pests in check. The grubs of the ground beetles devour the cut-worms. The lady bird beetles feed voraciously on the plant lice. Among the two-winged flies, we have the tachina-flies, which lay their eggs on caterpillars, and as these eggs hatch the maggots eat into their host and destroy its life. All of which goes to show the necessity of knowing the habits of our insects, lest we kill our friends and protect our enemies. A
2	7	♂ gr. hel. lat. N.	
3	G	1st Sab. ☿ ♀ ☿.	
4	2	☿ ♀ ☿. ☿ ♀ ☿.	
5	3	{ S. J. Court, Farmington. Com. Court, Portland and Houlton.	
6	4	Patrick Henry d. 1799.	
7	5	♀ rises, 2h. 27m. morn.	
8	6	Thos. Paine died, 1809.	
9	7	Dickens died, 1870.	
10	G	2d Sab. Low tides.	
11	2	☿ in ☿. Warm	
12	3	☿ ♀ ☿. for the	
13	4	♂ rises, 0h. 33m. morn.	
14	5	☿ ☿ ☿. season.	
15	6	{ Day breaks, 1h. 48m. Twilight, ends 10h. 11m..	
16	7	☿ sets, 1h. 12m. morn.	
17	G	3d Sab. ☐ ☿ ☿.	
18	2	High tides. Some	
19	3	{ S. J. Court, Bangor, Law Term. thunder	
20	4	☿ in apogee. and	
21	5	☿ ent. ☿, Summer begins.	
22	6	♀ sets, 9h. 22m. even.	
23	7	♀ greatest elong. E.	
24	G	4th Sab. lightning	
25	2	☿ in ☿. may be	
26	3	{ U. S. D. Court, Bangor. ☿ ☿ ☿.	
27	4	Low tides. expected.	
28	5	Bat. Monmouth, 1778.	
29	6	Henry Clay died, 1852.	
30	7	☿ ♀ ☿. at this time.	

large ichneumon fly is found boring into a tree, and is judged an enemy, but it was for the purpose of laying its eggs near a borer. To kill the fly is to protect the borer.—Not what I have, but what I do, is my kingdom. Carlyle.—Every violation of truth is a stab at the health of human society. Emerson.—The inborn geniality of some people amounts to genius. Whipple.

1894.

JULY has thirty-one days.

SUN'S DECLINATION, NORTH.

Days.	d.	m.	Days.	d.	m.	Days	d.	m.	Days.	d.	m.	Days.	d.	m.
1	23	6	7	22	33	13	21	47	19	20	47	25	19	35
2	23	1	8	22	27	14	21	38	20	20	36	26	19	21
3	22	57	9	22	19	15	21	28	21	20	24	27	19	8
4	22	51	10	22	12	16	21	19	22	20	12	28	18	54
5	22	46	11	22	4	17	21	8	23	20	0	29	18	40
6	22	40	12	21	56	18	20	58	24	19	48	30	18	25

MOON'S.	●	New Moon 3d day, 1h. 6m. morning.	N.
	☾	First Quarter 9th day, 5h. 36m. evening.	S.
	○	Full Moon 17th day, 5h. 24m. evening.	E.
	☾	Last Quarter 25th day, 4h. 28m. even.	N. W.

PHASES.

D. M.	D. W.	☉ r. h m.	☉ s. h. m.	L. D. h. m.	D. de h. m.	☉ so h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	SUN.	4 20	7 48	15 28	0 3	12 4	☾	28	2 3	10 22	10 10
2	Mond.	4 20	7 47	15 27	0 4	12 4	☾	29	3 0	11 29	11 12
3	Tues.	4 21	7 47	15 26	0 5	12 4	☾	● sets.	ev. 37	morn	
4	Wed.	4 21	7 47	15 25	0 6	12 4	☾	1 9 32	1 41	0 9	
5	Thur.	4 22	7 46	15 24	0 7	12 4	☾	2 10 2	2 40	1 4	
6	Friday.	4 23	7 46	15 23	0 8	12 4	☾	3 10 25	3 33	1 55	
7	Satur.	4 24	7 46	15 22	0 9	12 5	☾	4 10 46	4 22	2 43	
8	SUN.	4 24	7 45	15 21	0 10	12 5	☾	5 11 5	5 8	3 28	
9	Mond.	4 25	7 45	15 20	0 11	12 5	☾	☾ 11 24	5 52	4 15	
10	Tues.	4 25	7 44	15 19	0 12	12 5	☾	7 11 45	6 37	5 4	
11	Wed.	4 26	7 44	15 18	0 13	12 5	☾	8 morn	7 23	5 58	
12	Thur.	4 27	7 43	15 16	0 15	12 5	☾	9 0 6	8 10	6 54	
13	Friday.	4 28	7 43	15 15	0 16	12 5	☾	10 0 35	9 0	7 50	
14	Satur.	4 29	7 42	15 13	0 18	12 6	☾	11 1 11	9 51	8 47	
15	SUN.	4 30	7 41	15 11	0 20	12 6	☾	12 1 54	10 43	9 40	
16	Mond.	4 31	7 40	15 9	0 22	12 6	☾	13 2 45	11 34	10 31	
17	Tues.	4 32	7 40	15 8	0 23	12 6	☾	☉ rises.	morn	11 16	
18	Wed.	4 33	7 39	15 6	0 25	12 6	☾	15 8 36	0 23	11 57	
19	Thur.	4 34	7 38	15 4	0 27	12 6	☾	16 9 0	1 10	ev. 37	
20	Friday.	4 35	7 38	15 3	0 28	12 6	☾	17 9 20	1 55	1 16	
21	Satur.	4 36	7 37	15 1	0 30	12 6	☾	18 9 38	2 37	1 52	
22	SUN.	4 37	7 36	14 59	0 32	12 6	☾	19 9 55	3 18	2 29	
23	Mond.	4 38	7 35	14 57	0 34	12 6	☾	20 10 12	3 58	3 5	
24	Tues.	4 39	7 34	14 55	0 36	12 6	☾	21 10 29	4 40	3 46	
25	Wed.	4 40	7 33	14 53	0 38	12 6	☾	☾ 10 51	5 24	4 33	
26	Thur.	4 41	7 32	14 51	0 40	12 6	☾	23 11 18	6 12	5 27	
27	Friday.	4 42	7 31	14 49	0 42	12 6	☾	24 11 52	7 4	6 30	
28	Satur.	4 43	7 30	14 48	0 43	12 6	☾	25 morn	8 3	7 42	
29	SUN.	4 44	7 29	14 45	0 46	12 6	☾	26 0 41	9 7	8 54	
30	Mond.	4 45	7 27	14 42	0 49	12 6	☾	27 1 44	10 14	10 3	
31	Tues.	4 46	7 26	14 40	0 51	12 6	☾	28 3 1	11 20	11 4	

1894.

AUGUST has thirty-one days.

SUN'S DECLINATION, NORTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	17	55	7	16	19	13	14	33	19	12	39	25	10	37
2	17	40	8	16	2	14	14	14	20	12	19	26	10	16
3	17	24	9	15	45	15	13	56	21	11	59	27	9	55
4	17	8	10	15	27	16	13	37	22	11	39	28	9	34
5	16	52	11	15	9	17	13	18	23	11	18	29	9	13
6	16	36	12	14	51	18	12	58	24	10	58	30	8	51

MOON'S	●	New Moon 1st day, 7h. 45m. morning. S. E.	PHASES.
	☾	First Quarter 8th day, 5h. 26m. morning. N.	
	○	Full Moon 16th day, 8h. 38m. morn. N. W.	
	☾	Last Quarter 24th day, 1h. 1m. morning. E.	
	●	New Moon 30th day, 3h. 25m. evening. S. W.	

D. M.	D. W.	☼ r. h. m.	☼ s. h. m.	L. D. h. m.	D. de h. m.	☼ so. h. m.	☾ p.	☾ a.	☾ ri. & set	☾ so. h. m.	H. W. Bost.
1	Wed.	4 47	7 25	14 38	0 53	12 6	☾	●	sets.	ev. 22	11 56
2	Thur.	4 48	7 24	14 36	0 55	12 6	☾	1	8 25	1 19	morn
3	Friday.	4 49	7 22	14 33	0 58	12 6	☾	2	8 48	2 11	0 44
4	Satur.	4 50	7 21	14 31	1 0	12 6	☾	3	9 9	3 0	1 29
5	SUN.	4 52	7 20	14 28	1 3	12 6	☾	4	9 28	3 46	2 13
6	Mond.	4 53	7 18	14 25	1 6	12 6	☾	5	9 48	4 32	2 55
7	Tues.	4 54	7 17	14 23	1 8	12 6	☾	6	10 11	5 18	3 38
8	Wed.	4 55	7 16	14 21	1 10	12 5	☾	☾	10 36	6 6	4 26
9	Thur.	4 56	7 14	14 18	1 13	12 5	☾	8	11 8	6 55	5 20
10	Friday.	4 57	7 13	14 16	1 15	12 5	☾	9	11 48	7 46	6 19
11	Satur.	4 58	7 11	14 13	1 18	12 5	☾	10	morn	8 38	7 22
12	SUN.	5 0	7 10	14 10	1 21	12 5	☾	11	0 38	9 30	8 22
13	Mond.	5 1	7 8	14 7	1 24	12 5	☾	12	1 36	10 20	9 18
14	Tues.	5 2	7 7	14 5	1 26	12 4	☾	13	2 37	11 8	10 9
15	Wed.	5 3	7 5	14 2	1 29	12 4	☾	14	3 42	11 53	10 54
16	Thur.	5 4	7 4	14 0	1 31	12 4	☾	☾	rises.	morn	11 32
17	Friday.	5 5	7 2	13 57	1 34	12 4	☾	16	7 45	0 36	ev. 8
18	Satur.	5 7	7 1	13 54	1 37	12 4	☾	17	8 2	1 18	0 44
19	SUN.	5 8	6 59	13 51	1 40	12 3	☾	18	8 17	1 58	1 18
20	Mond.	5 9	6 57	13 48	1 43	12 3	☾	19	8 36	2 40	1 55
21	Tues.	5 10	6 56	13 46	1 45	12 3	☾	20	8 56	3 22	2 33
22	Wed.	5 11	6 54	13 43	1 48	12 3	☾	21	9 20	4 8	3 15
23	Thur.	5 12	6 52	13 40	1 51	12 2	☾	22	9 49	4 58	4 4
24	Friday.	5 13	6 51	13 38	1 53	12 2	☾	☾	10 33	5 53	5 5
25	Satur.	5 15	6 49	13 34	1 57	12 2	☾	24	11 29	6 53	6 17
26	SUN.	5 16	6 47	13 31	2 0	12 2	☾	25	morn	7 56	7 33
27	Mond.	5 17	6 46	13 29	2 2	12 1	☾	26	0 36	9 1	8 47
28	Tues.	5 18	6 44	13 26	2 5	12 1	☾	27	1 55	10 4	9 53
29	Wed.	5 19	6 42	13 23	2 8	12 1	☾	28	3 23	11 2	10 49
30	Thur.	5 20	6 40	13 20	2 11	12 0	☾	●	sets.	11 56	11 35
31	Friday.	5 22	6 39	13 17	2 14	12 0	☾	1	7 9	ev. 47	morn



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	<i>Farmers' Calendar.</i>
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1	4	Very high tides.
2	5	Horace Mann d. 1859.
3	6	☐ ☿ ☼. <i>Fine</i>
4	7	Shelley born, 1792.
5	G	1st Sab. ☽ in ☿.
6	2	☌ ☌ ☌. <i>weather.</i>
7	3	{ Com. Court, Dover, Skow. Bangor,
8	4	☿ rises, 3h. 31m. morn.
9	5	☿ greatest elong. W.
10	6	Missouri admit'd, 1821.
11	7	☿ rises, 2h. 40m. morn
12	G	2d Sab. <i>Clouds</i>
13	2	☽ in apogee. <i>and</i>
14	3	{ S. J. Court, Bangor. ☿ in ☿.
15	4	{ Day breaks, 3h. 9m. Twil. ends, 9h. 0m.
16	5	High tides. <i>possibly</i>
17	6	☿ rises, 0h. 35m. morn.
18	7	☿ in perihelion. <i>rain.</i>
19	G	3d Sab. ☽ in ☿.
20	2	Bat. Contreras, 1847.
21	3	{ S. J. Court, Bath. C. C. Aug. Rock. Bel.
22	4	☿ rises, 9h. 23m. even.
23	5	Agricola died, 93 A.D.
24	6	Low tides. <i>Bright</i>
25	7	Faraday died, 1867.
26	G	4th Sab. ☌ ☌ ☌. <i>and</i>
27	2	Bat. Long Island, 1776.
28	3	☌ ☌ ☌. <i>very warm.</i>
29	4	☽ in perigee.
30	5	Very high tides.
31	6	Bunyan died, 1688.

At this season of the year, when sultry days are followed by chilly nights, and miasma is lurking in the air, all sanitary precautions should be exercised to preserve the health of the family. How different is the atmosphere now from that of June, when the air is laden with the perfumes of flowers, and free from the poisonous gases caused by the decay of vegetation! Much of the unhealthiness of August is no doubt caused by the lack of sanitary precautions in the home. We have passed the time in the world's history when devastating plagues ran riot in consequence of a general lack of all sanitary laws. With such an administration of sanitary matters by governmental authorities as we now have, the chief difficulty lies with the individual family management. It falls upon the mother and housekeeper to guard her children and her home from fevers and other diseases. The most scrupulous cleanliness in the household, care to disinfect all utensils in which garbage is kept, are duties which the mother owes to her family, and incidentally to her neighbors. There is no part of the house that needs such careful inspection and regular cleaning as the pantries and other places where food is kept. The refrigerator may be clean to external appearance, and yet be the means of engendering dangerous diseases. Microscopic atoms of food left to become putrid are successful means of breeding contagion. The fact that the most virulent poisons are sometimes generated in milk and cheese when kept a certain time under favorable circumstances, ought to be in itself a sufficient

warning to all housekeepers of the dangers to which the least carelessness may expose the inmates of the family.—Do not wait for extraordinary opportunities for good actions, but make use of common situations.

1894.

SEPTEMBER has thirty days.

SUN'S DECLINATION, NORTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	8	8	7	5	54	13	3	38	19	1	19	25	1	2
2	7	46	8	5	32	14	3	15	20	0	55	26	1	25
3	7	24	9	5	9	15	2	52	21	0	32	27	1	49
4	7	2	10	4	46	16	2	28	22	0	9	28	2	12
5	6	39	11	4	24	17	2	5	23	S.	15	29	2	35
6	6	17	12	4	1	18	1	42	24	0	38	30	2	59

MOON'S	{	☾ First Quarter 6th day, 8h. 24m. even.	S. W.	PHASES.
		☾ Full Moon 14th day, 11h. 42m. evening.	S.	
		☾ Last Quarter 22d day, 7h. 53m. morn.	S. W.	
		● New Moon 29th day, 1h. 5m morning.	N.	

D. M.	D. W.	☼ r. h. m.	☼ s. h. m.	L. D. h. m.	D. de h. m.	☼ so. h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	Satur.	5 23	6 37	13 14	2 17	12 0	☾	2	7 29	1 35	0 17
2	SUN.	5 24	6 35	13 11	2 20	11 59	☾	3	7 48	2 22	0 58
3	Mond.	5 25	6 33	13 8	2 23	11 59	☾	4	8 11	3 10	1 39
4	Tues.	5 26	6 31	13 5	2 26	11 59	☾	5	8 36	3 58	2 22
5	Wed.	5 28	6 30	13 2	2 29	11 59	☾	6	9 7	4 48	3 5
6	Thur.	5 29	6 28	12 59	2 32	11 58	☾	7	9 45	5 39	3 54
7	Friday.	5 30	6 26	12 56	2 35	11 58	☾	8	10 31	6 32	4 49
8	Satur.	5 31	6 24	12 53	2 38	11 57	☾	9	11 25	7 24	5 51
9	SUN.	5 32	6 22	12 50	2 41	11 57	☾	10	morn	8 15	6 55
10	Mond.	5 33	6 20	12 47	2 44	11 57	☾	11	0 26	9 3	7 56
11	Tues.	5 34	6 19	12 45	2 46	11 56	☾	12	1 30	9 49	8 50
12	Wed.	5 36	6 17	12 41	2 50	11 56	☾	13	2 38	10 33	9 38
13	Thur.	5 37	6 15	12 38	2 53	11 56	☾	14	3 46	11 16	10 21
14	Friday.	5 38	6 13	12 35	2 56	11 55	☾	15	4 54	12 1	11 1
15	Satur.	5 39	6 11	12 32	2 59	11 55	☾	16	6 24	morn	11 36
16	SUN.	5 40	6 9	12 29	3 2	11 55	☾	17	6 42	0 38	ev. 10
17	Mond.	5 41	6 7	12 26	3 5	11 54	☾	18	7 1	1 21	0 46
18	Tues.	5 43	6 5	12 22	3 9	11 54	☾	19	7 25	2 6	1 25
19	Wed.	5 44	6 4	12 20	3 11	11 54	☾	20	7 53	2 55	2 9
20	Thur.	5 45	6 2	12 17	3 14	11 53	☾	21	8 29	3 48	2 56
21	Friday.	5 46	6 0	12 14	3 17	11 53	☾	22	9 22	4 46	3 52
22	Satur.	5 47	5 58	12 11	3 20	11 53	☾	23	10 24	5 47	4 58
23	SUN.	5 48	5 56	12 8	3 23	11 52	☾	24	11 36	6 50	6 13
24	Mond.	5 50	5 54	12 4	3 27	11 52	☾	25	morn	7 51	7 28
25	Tues.	5 51	5 52	12 1	3 30	11 52	☾	26	0 58	8 49	8 34
26	Wed.	5 52	5 51	11 59	3 32	11 51	☾	27	2 20	9 44	9 32
27	Thur.	5 53	5 48	11 55	3 36	11 51	☾	28	3 42	10 35	10 23
28	Friday.	5 54	5 47	11 53	3 38	11 51	☾	29	5 2	11 23	11 7
29	Satur.	5 56	5 45	11 49	3 42	11 50	☾	30	sets.	ev. 11	11 47
30	SUN.	5 57	5 43	11 46	3 45	11 50	☾	1	6 13	0 58	morn

Every duty omitted obscures some truth we should know. *Ruskin.*

SEPTEMBER, 9th Month.— Begins on Saturday. 1894.



D. M.	D. W.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	7	☽ in ♍. <i>Balmy.</i>	THERE is no department of science more invaded by quacks than electricity. There is something mysterious and awesome about its manifestations that excites the imagination of the ignorant, and prepares them to accept anything as possible when this agent is called upon to stand sponsor for it. It is therefore the most natural thing in the world that the electric field should be the very stronghold of quackery. The veriest humbugs are palmed off upon a deluded public in the shape of so-called electrical appliances for wearing upon the body, which are claimed to possess the power of reviving the vital forces and rejuvenating the wearer. It is hardly necessary to say that nearly all are absolutely worthless for their pretended purposes. In this classification belong the electric pads for various organs, magnetic belts and chains, electromagnetic shoes, electric combs and brushes, &c. Some apparent benefit has doubtless been derived in some instances from these things, but such cases can be explained most rationally to be due to the influence of the imagination, indeed a sort of faith cure. The safe course for those who know nothing about electricity and its laws, is to ask advice of an intelligent physician before yielding to the temptation produced by the glowing accounts issued in behalf of such trumpery humbugs as those above enumerated. Electricity, legitimately employed, is one of the most powerful as well as beneficent curative agents known to the physician and surgeon, and this fact makes it doubly unfortunate that this
2	G	1st Sab. ♂ ♀ ☾.	
3	2	{ Com. Court, ♂ ♀ ☼ sup. Wiscasset.	
4	3	{ U. S. Dist. Court, Bath. Com. Court, Paris.	
5	4	Dog-days end.	
6	5	Low tides. <i>Serene</i>	
7	6	Bat. Borodino, 1812.	
8	7	♀ rises, 3h. 41m. morn.	
9	G	2d Sab. <i>and lovely.</i>	
10	2	State Election. ☽ in ap.	
11	3	Bat. Brandywine, 1777.	
12	4	Bat. Chapultepec, 1847.	
13	5	Quebec captured, 1759.	
14	6	High tides. <i>Signs</i>	
15	7	{ Day breaks, 4h. 0m. ☽ in ♍. Twil. ends, 7h. 50m.	
16	G	3d Sab. <i>of rain.</i>	
17	2	♀ in perihelion.	
18	3	{ S. J. C. Aub. Hout. ♂ ♂ ☾. Rock. Alfred. Skow.	
19	4	Pres't Garfield d. 1881.	
20	5	♂ sets, 7h. 7m. even.	
21	6	♀ in ♍. <i>Some</i>	
22	7	☼ enters ♊, { Autumn begins.	
23	G	4th Sab. <i>good</i>	
24	2	{ U. S. Circ. Court, <i>weather</i> Portland.	
25	3	{ S. J. Court, <i>may</i> Farm. Dover.	
26	4	☽ in perigee. <i>be</i>	
27	5	♂ ♀ ☾. <i>expected</i>	
28	6	☼ ♃ ☼. <i>at this time.</i>	
29	7	High tides ☽ in ♍.	
30	G	5th Sab. ♂ ♀ ☾. ♂ ♀ ☾.	

electrical quackery should flourish in our midst in the full tide of prosperity.—A man may fish with the worm that hath eat of a king; and eat of the fish that hath fed of that worm. *Shakespeare.*—We know what we are, but know not what we may be. *Id.*—Cleanliness of body was ever esteemed to proceed from a due reverence to God. *Bacon.* Learn the luxury of doing good.

1894.

OCTOBER has thirty-one days.

SUN'S DECLINATION, SOUTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	3	22	7	5	41	13	7	57	19	10	9	25	12	16
2	3	45	8	6	4	14	8	19	20	10	31	26	12	37
3	4	8	9	6	27	15	8	42	21	10	52	27	12	57
4	4	32	10	6	49	16	9	4	22	11	13	28	13	17
5	4	55	11	7	12	17	9	26	23	11	35	29	13	37
6	5	18	12	7	35	18	9	48	24	11	55	30	13	57

MOON'S	☾	First Quarter 6th day, 2h. 22m. evening.	S. E.
	◯	Full moon 14th day, 2h. 2m. evening	N. E.
	☾	Last Quarter 21st day, 2h. 17m. even.	N. W.
	●	New Moon 28th day, 1h. 18m. evening.	S.

PHASES.

D. M.	D. W.	☼ r. h. m.	☼ s. h. m.	L. D. h. m.	D. de h. m.	☼ so. h. m.	☾ p.	☾ a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	Mond.	5 58	5 42	11 44	3 47	11 50	☾	2	6 37	1 47	0 26
2	Tues.	5 55	5 40	11 41	3 50	11 49	☾	3	7 5	2 37	1 9
3	Wed.	6 05	5 38	11 38	3 53	11 49	☾	4	7 40	3 29	1 52
4	Thur.	6 15	5 36	11 35	3 56	11 49	☾	5	8 25	4 22	2 39
5	Friday.	6 35	5 34	11 31	4 0	11 48	☾	6	9 16	5 15	3 28
6	Satur.	6 45	5 32	11 28	4 3	11 48	☾	☾	10 15	6 7	4 22
7	SUN.	6 55	5 30	11 25	4 6	11 48	☾	8	11 18	6 57	5 21
8	Mond.	6 65	5 29	11 23	4 8	11 48	☾	9	morn	7 44	6 22
9	Tues.	6 85	5 27	11 19	4 12	11 47	☾	10	0 25	8 28	7 19
10	Wed.	6 95	5 25	11 16	4 15	11 47	☾	11	1 32	9 11	8 11
11	Thur.	6 105	5 23	11 13	4 18	11 47	☾	12	2 38	9 53	8 58
12	Friday.	6 115	5 22	11 11	4 20	11 46	☾	13	3 43	10 34	9 42
13	Satur.	6 135	5 20	11 7	4 24	11 46	☾	14	4 51	11 17	10 22
14	SUN.	6 145	5 18	11 4	4 27	11 46	☾	◯	rises.	morn	11 2
15	Mond.	6 155	5 16	11 1	4 30	11 46	☾	16	5 30	0 2	11 40
16	Tues.	6 175	5 15	10 58	4 33	11 46	☾	17	5 56	0 50	ev. 19
17	Wed.	6 185	5 13	10 55	4 36	11 45	☾	18	6 30	1 43	1 5
18	Thur.	6 195	5 11	10 52	4 39	11 45	☾	19	7 17	2 40	1 55
19	Friday.	6 205	5 10	10 50	4 41	11 45	☾	20	8 17	3 41	2 50
20	Satur.	6 225	5 8	10 46	4 45	11 45	☾	21	9 28	4 44	3 50
21	SUN.	6 235	5 6	10 43	4 48	11 45	☾	☾	10 45	5 45	4 56
22	Mond.	6 245	5 5	10 41	4 50	11 45	☾	23	morn	6 43	6 5
23	Tues.	6 265	5 3	10 37	4 54	11 44	☾	24	0 6	7 37	7 10
24	Wed.	6 275	5 2	10 35	4 56	11 44	☾	25	1 25	8 28	8 11
25	Thur.	6 285	5 0	10 32	4 59	11 44	☾	26	2 41	9 16	9 4
26	Friday.	6 294	59	10 30	5 1	11 44	☾	27	3 57	10 2	9 51
27	Satur.	6 314	57	10 26	5 5	11 44	☾	28	5 12	10 49	10 37
28	SUN.	6 324	56	10 24	5 7	11 44	☾	●	rises.	11 36	11 18
29	Mond.	6 344	54	10 21	5 10	11 44	☾	1	5 3	ev. 26	morn
30	Tues.	6 354	53	10 18	5 13	11 44	☾	2	5 35	1 17	0 0
31	Wed.	6 364	51	10 15	5 16	11 44	☾	3	6 16	2 11	0 43

It is never too late to give up our prejudices.— Thoreau.



D. M.	D. W.	Aspects, Holydays, Courts, Weather, &c.	Farmers' Calendar.
1	2	♂ in aphelion. <i>Cool.</i>	FEW persons probably can be found that do not have periods of bitter disappointment and heart-sinking; and often this is not so much due to worldly misfortunes as to the manner in which one takes life. Cheerfulness is not half so much due to one's surroundings as to one's temperament. We all know persons who maintain their cheerfulness amid the most discouraging surroundings, and others, surrounded by plenty, who are continually wailing over the stubbornness of fate. Depression of spirits seems often to be of the nature of a disease, but it is one that is to a great extent under the control of the will; and the best prescription generally is work that will absorb all one's energies, and leave no time for morbid brooding. The poor who drudge for a living seldom develop chronic diseases of the nerves and mind. There is no surer way of paralyzing one's faculties than to allow them to waste by disuse. Employment keeps away the rust. It has been said that the reason why so many old men of ample means break down and become childish is because they abandon business, and thus lose much of their everyday interest in the world around them. There is nothing that fosters selfishness more than a life of idleness, and a life of pure selfishness is a most unhappy and unsatisfactory life. It is no uncommon thing to-day for persons of quite advanced age to take up courses of study and pursue them successfully. All occupations of this kind serve to keep the interest alive in something besides mere selfishness, and do much to ward off morbid thoughts. It is even a matter of doubt whether any
2	3	{ S. J. C. Bang. & Mach. C. C. App. Mach. Alfred.	
3	4	Geo. Bancroft b. 1800.	
4	5	Bat. Germantown, 1777.	
5	6	♀ rises, 4h. 51m. morn.	
6	7	Very low tides.	
7	G	1st Sab. ☽ in apogee.	
8	2	♂ rises, 9h. 37m. even.	
9	3	{ S. J. C. Port. Ellsworth, and Paris. C. C. Ellis.	
10	4	Cavendish born, 1731.	
11	5	Antares sets, 7h. 7m. ev.	
12	6	Dr. Holland died, 1881.	
13	7	☽ in ♄. <i>Frosty.</i>	
14	G	2d Sab. High tides.	
15	2	{ Day breaks 4h. 39m. Twil. ends 6h. 52m.	
16	3	{ S. J. C. Augusta and Belfast.	
17	4	Burgoyne sur'ed, 1777.	
18	5	Palmerston died, 1865.	
19	6	♂ gr'st elong. E. ♂ ♀ ☾.	
20	7	♂ ♂ ☼. <i>There may</i>	
21	G	3d Sab. ♂ ♀ ☼.	
22	2	☽ in per. Low tides.	
23	3	{ S. J. Court, Wiscasset.	
24	4	♂ stationary. <i>rain.</i>	
25	5	Altair so. 5h. 29m. even.	
26	6	☽ in ♄. <i>Fine</i>	
27	7	♂ ♀ ☾. <i>and warm.</i>	
28	G	4th Sab. ♂ ♀ ☾.	
29	2	High tides. ♂ ♀ ☾.	
30	3	♂ ♀ ☾. ♂ ♀ ♀.	
31	4	Nevada admit'd, 1864.	

one has a right to be melancholy in a world so full of the generosity of Providence.— After cold nights come in the fall, cows need to be housed; the chilly nights cause them to shrink in their milk if they are left out-of-door; a little care in this respect will increase the profits of the dairy. *Cultivator.*

1894.

NOVEMBER has thirty days.

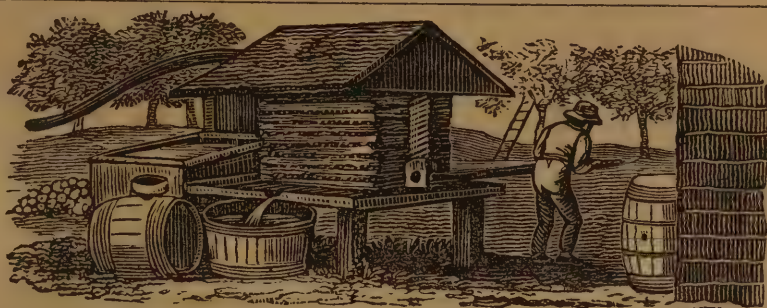
SUN'S DECLINATION, SOUTH.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	14	36	7	16	26	13	18	6	19	19	35	25	20	51
2	14	55	8	16	43	14	18	22	20	19	49	26	21	3
3	15	13	9	17	1	15	18	37	21	20	2	27	21	14
4	15	32	10	17	17	16	18	52	22	20	15	28	21	24
5	15	50	11	17	34	17	19	7	23	20	27	29	21	35
6	16	8	12	17	50	18	19	21	24	20	40	30	21	44

MOON'S	{	☾ First Quarter 5th day, 10h. 7m. morn. N. E.	}	PHASES.
		☾ Full Moon 13th day, 3h. 10m. morn. S. W.		
		☾ Last Quarter 19th day, 9h. 29m. even. N. E.		
		● New Moon 27th day, 4h. 15m. morn. N. E.		

D. M.	D. W.	☾ r. h. m.	☾ s. h. m.	L. D. h. m.	D. de h. m.	☾ so h. m.	☾ p. a.	☾ ri. & set.	☾ so. h. m.	H. W. Bost.
1	Thur.	6 37	4 50	10 13	5 18	11 44	↑	4 7 6	3 5	1 29
2	Friday.	6 39	4 49	10 10	5 21	11 44	☾	5 8 3	3 58	2 18
3	Satur.	6 40	4 47	10 7	5 24	11 44	☾	6 9 5	4 48	3 5
4	SUN.	6 41	4 46	10 5	5 26	11 44	☾	7 10 10	5 37	3 54
5	Mond.	6 43	4 45	10 2	5 29	11 44	☾	☾ 11 16	6 22	4 47
6	Tues.	6 44	4 43	9 59	5 32	11 44	☾	9 morn	7 5	5 40
7	Wed.	6 45	4 42	9 57	5 34	11 44	☾	10 0 22	7 46	6 31
8	Thur.	6 47	4 41	9 54	5 37	11 44	☾	11 1 28	8 27	7 22
9	Friday.	6 48	4 40	9 52	5 39	11 44	☾	12 2 33	9 9	8 10
10	Satur.	6 49	4 39	9 50	5 41	11 44	☾	13 3 41	9 53	8 56
11	SUN.	6 50	4 38	9 48	5 43	11 44	☾	14 4 51	10 40	9 42
12	Mond.	6 52	4 36	9 44	5 47	11 44	☾	15 6 7	11 32	10 28
13	Tues.	6 54	4 35	9 41	5 50	11 44	☾	☾ rises.	morn	11 15
14	Wed.	6 55	4 34	9 39	5 52	11 45	☾	17 5 11	0 29	ev. 2
15	Thur.	6 56	4 33	9 37	5 54	11 45	☾	18 6 8	1 31	0 55
16	Friday.	6 57	4 33	9 36	5 55	11 45	☾	19 7 17	2 35	1 58
17	Satur.	6 58	4 32	9 34	5 57	11 45	☾	20 8 34	3 38	2 47
18	SUN.	7 0	4 31	9 31	6 0	11 45	☾	21 9 55	4 38	3 44
19	Mond.	7 1	4 30	9 29	6 2	11 46	☾	☾ 11 15	5 34	4 44
20	Tues.	7 3	4 29	9 26	6 5	11 46	☾	23 morn	6 25	5 43
21	Wed.	7 4	4 28	9 24	6 7	11 46	☾	24 0 31	7 13	6 41
22	Thur.	7 5	4 28	9 23	6 8	11 46	☾	25 1 45	7 59	7 37
23	Friday.	7 7	4 27	9 20	6 11	11 47	☾	26 2 58	8 44	8 29
24	Satur.	7 8	4 26	9 18	6 13	11 47	☾	27 4 11	9 30	9 18
25	SUN.	7 9	4 25	9 16	6 15	11 47	☾	28 5 23	10 18	10 7
26	Mond.	7 10	4 25	9 15	6 16	11 48	☾	29 6 37	11 8	10 54
27	Tues.	7 12	4 24	9 12	6 19	11 48	↑	☾ sets.	ev. 1	11 39
28	Wed.	7 13	4 24	9 11	6 20	11 48	↑	1 4 57	0 54	morn
29	Thur.	7 14	4 23	9 9	6 22	11 49	☾	2 5 54	1 48	0 23
30	Friday.	7 15	4 23	9 8	6 23	11 49	☾	3 6 53	2 40	1 10

Character is a perfectly educated will. *Novalis*.



M. D.	W. D.	Aspects, Holydays, Courts, Weather, &c.	<i>Farmers' Calendar.</i>
1	5	Earthq'ke Lisbon, 1755.	THERE is something distressing to a thoughtful mind in witnessing the cruelty of children towards dumb animals especially when unrebuked by their parents. It is very demoralizing to a child to allow it to inflict pain on living creatures. From teasing the helpless animals about the house, a boy may begin to inflict petty suffering on playmates, and soon his nature becomes so hardened that he is likely to fall an easy prey to the allurements of a life of criminality. In respect for dumb animals and for nature we are vastly inferior to many nations that have not enjoyed the blessings of Christianity. The Japanese, as a people, exhibit remarkable kindness toward all living beings, and the ill-treatment of animals is a thing almost unknown among them. A beautiful Japanese story tells of a working maid who was sent to the well for a pail of water. She found that her wooden bucket was grown over by a wild morning glory which during the night had attached its tendrils to it. She came back for another pail rather than disturb the beautiful growing vine. What a contrast between the spirit here exhibited and that of the boy who can never see a bird alight on a twig without an uncontrollable impulse to hurl a stone at it. The impulse to kill is so general among boys, unless special endeavor is made to counteract it, that it would seem to be an inheritance from remote and barbarous ancestors, one of the cases of a survival of traits of character which, once useful, have ceased to be so in consequence of a change of conditions of life. It is a great blessing to boys and girls when they can receive practical instruction at home or in school on the habits of familiar animals, birds and insects. Thus they come to feel an interest in them, and to have regard for them.—The serene, silent beauty of a holy life is the most powerful influence in the world next to the might of God. <i>Pascal</i>.—He needs must go that the devil drives.
2	6	♀ rises, 6h. 4m. morn.	
3	7	Bryant born, 1794.	
4	G	1st Sab. ☽ in apogee.	
5	2	Very low tides. <i>Cold</i>	
6	3	{ Com. Court, <i>and</i> Bath.	
7	4	♂ ☿ ☼. <i>high winds.</i>	
8	5	John Milton d. 1674.	
9	6	☽ in ♋. <i>A few</i>	
10	7	Transit of ♄, visible.	
11	G	2d Sab. ♂ ♄ ☾. <i>days</i>	
12	2	♂ ♀ ♀. <i>of fine</i>	
13	3	High tides. <i>weather.</i>	
14	4	♀ in perihelion.	
15	5	{ Day breaks 5h. 16m. Twil. ends 6h. 14m.	
16	6	☽ in perigee. ♂ ♃ ☾.	
17	7	♃ rises, 6h. 57m. even.	
18	G	3d Sab.	
19	2	Low tides.	
20	3	♂ south, 9h. 19m. eve.	
21	4	Berlin Decree, 1806.	
22	5	♂ stationary. ☽ in ♋.	
23	6	Pres. Pierce born, 1804.	
24	7	♂ ♃ ☾. <i>Invigorating</i>	
25	G	4th Sab. ♂ ♀ ☾.	
26	2	♂ in ♋. <i>air.</i>	
27	3	♀ greatest elong. W.	
28	4	High tides.	
29	5	Wend. Phillips b. 1811.	
30	6	♂ ♀ ☼ superior.	

1894.

DECEMBER has thirty-one days.

SUN'S DECLINATION, SOUTH,

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	21	54	7	22	41	13	23	12	19	23	26	25	23	24
2	22	3	8	22	47	14	23	15	20	23	27	26	23	22
3	22	11	9	22	53	15	23	18	21	23	27	27	23	19
4	22	19	10	22	58	16	23	21	22	23	27	28	23	16
5	22	27	11	23	3	17	23	23	23	23	27	29	23	13
6	22	34	12	23	8	18	23	25	24	23	25	30	23	9

MOON'S	☾	First Quarter	5th day, 7h. 6m. morning.	N.
	☾	Full Moon	12th day, 3h. 7m. evening.	N. E.
	☾	Last Quarter	19th day, 6h. 37m. morn.	S.
	●	New Moon	26th day, 9h. 41m. evening.	N. W.

PHASES.

D. M.	D. W.	☾ r.	☾ s.	L. D.	D de	☾ so.	☾	☾	☾ ri.	☾ so.	H. W.
		h. m.	h. m.	h. m.	h. m.	h. m.	p. a.		& set.	h. m.	Bost.
1	Satur.	7 16	4 23	9 7	6 24	11 49	☾	4	7 55	3 30	1 55
2	SUN.	7 17	4 22	9 5	6 26	11 50	☾	5	9 2	4 16	2 40
3	Mond.	7 18	4 22	9 4	6 27	11 50	☾	6	10 7	4 59	3 23
4	Tues.	7 19	4 22	9 3	6 28	11 51	☾	7	11 12	5 41	4 5
5	Wed.	7 20	4 21	9 1	6 30	11 51	☾	☾	morn	6 21	4 51
6	Thur.	7 21	4 21	9 0	6 31	11 51	☾	9	0 16	7 2	5 38
7	Friday.	7 22	4 21	8 59	6 32	11 52	☾	10	1 21	7 44	6 28
8	Satur.	7 23	4 21	8 58	6 33	11 52	☾	11	2 28	8 28	7 19
9	SUN.	7 24	4 21	8 57	6 34	11 53	☾	12	3 40	9 17	8 11
10	Mond.	7 25	4 21	8 56	6 35	11 53	☾	13	4 57	10 12	9 5
11	Tues.	7 26	4 21	8 55	6 36	11 54	☾	14	6 17	11 12	10 1
12	Wed.	7 27	4 21	8 54	6 37	11 54	☾	☾	rises	morn	10 58
13	Thur.	7 28	4 21	8 53	6 38	11 55	☾	16	4 58	0 17	11 52
14	Friday.	7 29	4 22	8 53	6 38	11 55	☾	17	6 15	1 23	ev. 48
15	Satur.	7 30	4 22	8 52	6 39	11 55	☾	18	7 37	2 27	1 43
16	SUN.	7 30	4 22	8 52	6 39	11 56	☾	19	9 0	3 27	2 37
17	Mond.	7 31	4 22	8 51	6 40	11 56	☾	20	10 18	4 21	3 27
18	Tues.	7 31	4 23	8 51	6 40	11 57	☾	21	11 36	5 11	4 18
19	Wed.	7 32	4 23	8 51	6 40	11 57	☾	☾	morn	5 58	5 11
20	Thur.	7 33	4 24	8 51	6 40	11 58	☾	23	0 49	6 43	6 5
21	Friday.	7 33	4 24	8 51	Inc.	11 58	☾	24	2 0	7 28	7 0
22	Satur.	7 34	4 25	8 51	0 0	11 59	☾	25	3 14	8 15	7 56
23	SUN.	7 34	4 25	8 51	0 0	11 59	☾	26	4 25	9 4	8 51
24	Mond.	7 34	4 26	8 51	0 0	12 0	☾	27	5 36	9 54	9 43
25	Tues.	7 35	4 26	8 52	0 1	12 0	☾	28	6 41	10 47	10 35
26	Wed.	7 35	4 27	8 52	0 1	12 1	☾	☾	sets	11 41	11 22
27	Thur.	7 35	4 28	8 53	0 2	12 1	☾	1	4 40	ev. 33	morn
28	Friday.	7 36	4 28	8 53	0 2	12 2	☾	2	5 44	1 24	0 6
29	Satur.	7 36	4 29	8 53	0 2	12 2	☾	3	6 49	2 11	0 49
30	SUN.	7 36	4 30	8 54	0 3	12 3	☾	4	7 55	2 56	1 29
31	Mond.	7 36	4 31	8 55	0 4	12 3	☾	5	8 59	3 37	2 9

DECEMBER, 12th Month.—Begins on Saturday. 1894.



D. M.	D. W.	Aspects, Holydays, Courts, Weather. &c.	<i>Farmers' Calendar.</i>
1	7	Mozart died, 1791.	THE prejudice against taking interest for money, which prevailed throughout Christendom during many centuries, is a curious episode in human history. Even the leading Greek and Roman writers opposed it. Aristotle declared, in a metaphysical way, that money by nature is "barren;" that the birth of money from interest is therefore "unnatural;" and hence that the taking of interest is to be censured and hated. The great fathers of the Christian Church were earnest in its condemnation. St. Basil declares that money at interest is a "fecund monster." St. Ambrose declared it as bad as murder. Pope Leo the Great judged it a sin worthy of severe punishment. The greatest rulers under the sway of the Church yielded to this dogma. King Alfred confiscated the estates of money-lenders, and denied them burial in consecrated ground. In the fifteenth century the Council of the Church at Salzburg excluded from communion and burial any who took interest for money. Some canonists held, however, that Jews might be allowed to take interest, since they were to be damned in any case, and their monopoly of money-lending might prevent Christians from losing their souls by going into the business. Luther said: "Every usurer is a thief worthy of the gibbet," and Melancthon declared every person taking interest for money a thief. In 1552 a bill was passed in England condemning to fine and imprisonment any one who should lend money "for any manner of usury, increase, lucre, gain, or interest, to be had, received, or hoped for." It was not till the reign of Elizabeth that the
2	G	1st Sab. ☽ in apogee.	
3	2	Congress meets.	
4	3	{ U. S. Dist. Court, Portland, } S. J. C. { C. C. Rockland and Dover. } Caribou	
5	4	Low tides. ♀ in ☿.	
6	5	☽ in ☿. Cold	
7	6	Reg's rises, 10h. 7m. ev.	
8	7	♂ ♂ ☾. with	
9	G	2d Sab. frequent	
10	2	☿ rises, 5h. 16m. even.	
11	3	{ S. J. Court, Rockland. { C. C. Skow. and Bangor.	
12	4	High tides.	
13	5	♂ ♀ ☾. dashes of	
14	6	☽ in perigee. snow.	
15	7	{ Day breaks, 5h. 44m. { Twil. ends, 6h. 7m.	
16	G	3d Sab. Milder.	
17	2	Whittier born, 1807.	
18	3	{ S. J. Court, Bath and Skow. { Com. Court, Belfast.	
19	4	Low tides ☽ in ☿.	
20	5	♂ south, 7h. 38m. even.	
21	6	☺ enters ♊. Winter begins.	
22	7	♂ ♀ ☾. ♂ ♀ ☺ Winds.	
23	G	4th Sab. ♂ ☿ ☾.	
24	2	Kit Carson born, 1809.	
25	3	{ Com. Court, Paris, { Farmington and Aug.	
26	4	High tides. ♂ ♀ ☾.	
27	5	♂ ♀ ☾. Probably	
28	6	♀ in aphelion. snow.	
29	7	Texas admitted, 1845.	
30	G	5th Sab. ☽ in apogee.	
31	2	{ Com. Court { Wiscasset. Cold.	

practice of taking interest under restrictions was finally established, and in other parts of Europe the struggle lasted much longer.—There is nothing great on earth but man; there is nothing great in man but mind. *Hamilton.*

Presidents of the United States from the Adoption of the Constitution.

1, GEORGE WASHINGTON,	Virginia,	from April 30, 1789, to Mar. 3, 1797
2, John Adams,	Massachusetts,	from March 4, 1797, to Mar. 3, 1801
3, Thomas Jefferson,	Virginia,	from March 4, 1801, to Mar. 3, 1809
4, James Madison,	Virginia,	from March 4, 1809, to Mar. 3, 1817
5, James Monroe,	Virginia,	from March 4, 1817, to Mar. 3, 1825
6, John Quincy Adams,	Massachusetts,	from March 4, 1825, to Mar. 3, 1829
7, Andrew Jackson,	Tennessee,	from March 4, 1829, to Mar. 3, 1837
8, Martin VanBuren,	New York,	from March 4, 1837, to Mar. 3, 1841
9, Wm. Henry Harrison,	Ohio,	from March 4, 1841, to Apr. 4, 1841
10, John Tyler,	Virginia,	from April 4, 1841, to Mar. 3, 1845
11, James Knox Polk,	Tennessee,	from March 4, 1845, to Mar. 3, 1849
12, Zachary Taylor,	Louisiana,	from March 4, 1849, to July 9, 1850
13, Millard Fillmore,	New York,	from July 9, 1850, to Mar. 3, 1853
14, Franklin Pierce,	N. Hampshire,	from March 4, 1853, to Mar. 3, 1857
15, James Buchanan,	Pennsylvania,	from March 4, 1857, to Mar. 3, 1861
16, Abraham Lincoln,	Illinois,	from March 4, 1861, to Apr. 14, 1865
17, Andrew Johnson,	Tennessee,	from April 15, 1865, to Mar. 3, 1869
18, Ulysses S. Grant,	Illinois,	from March 4, 1869, to Mar. 3, 1877
19, Rutherford B. Hayes,	Ohio,	from March 4, 1877, to Mar. 3, 1881
20, James A. Garfield,	Ohio,	from March 4, 1881, to Sept. 19, 1881
21, Chester A. Arthur,	New York,	from Sept. 20, 1881, to Mar. 3, 1885
22, Grover Cleveland,	New York,	from Mar. 4, 1885, to Mar. 3, 1889
23, Benjamin Harrison,	Indiana,	from Mar. 4, 1889, to Mar. 4, 1893
24, Grover Cleveland,	New York,	from Mar. 4, 1893, to

Executive Department of the Government of the United States, 1893.

GROVER CLEVELAND	of New York,	<i>President.</i>	Salary, \$50,000
ADLEI STEVENSON	of Illinois,	<i>Vice President.</i>	8,000
WALTER Q. GRESHAM	of Illinois,	<i>Sec'y of State.</i>	8,000
JOHN G. CARLISLE	of Kentucky,	<i>Sec'y of Treasury.</i>	8,000
WILSON S. BISSELL	of New York,	<i>P. M. General.</i>	8,000
DANIEL S. LAMONT	of New York,	<i>Sec'y of War.</i>	8,000
HILARY A. HERBERT	of Alabama,	<i>Sec'y of the Navy.</i>	8,000
RICHARD OLNEY	of Massachusetts,	<i>Att'y General.</i>	8,000
HOKE SMITH	of Georgia,	<i>Sec'y of Interior.</i>	8,000
J. STERLING MORTON	of Nebraska,	<i>Sec'y of Agriculture.</i>	8,000

Judiciary or Supreme Court of the United States, 1893.

MELVILLE W. FULLER,	Illinois,	<i>Chief Justice,</i>	Salary, \$10,500.
HORACE GRAY,	Massachusetts,	<i>Associate Justice,</i>	10,000.
HENRY B. BROWN,	Michigan,	<i>Associate Justice,</i>	10,000.
STEPHEN J. FIELD,	California,	<i>Associate Justice,</i>	10,000.
GEORGE SHIRAS,	Pennsylvania,	<i>Associate Justice,</i>	10,000.
SAM'L BLATCHFORD,	New York,	<i>Associate Justice,</i>	10,000.
JOHN M. HARLAN,	Kentucky,	<i>Associate Justice,</i>	10,000.
LUCIUS Q. C. LAMAR,	Mississippi,	<i>Associate Justice,</i>	10,000.
DAVID J. BREWER,	Kansas,	<i>Associate Justice,</i>	10,000.

Ministers and Representatives of the United States to Foreign Countries, 1893.

Great Britain, Thos. F. Bayard, Dela.	Mexico, Thos. Ryan, Kansas,
France, James B. Eustis.	China, Charles Denby, Indiana.
Italy, Albert G. Porter, Indiana.	Russia, Andrew D. White, N. Y.
Spain, Harris Taylor, Alabama.	Sweden-Norway, W. W. Thomas, jr. Me.
Austria, Bartlett Tripp, So. Dakota.	Bolivia, Thos. H. Anderson, Ohio.
Costa Rica, etc., Lewis Baker, Minn.	Belgium, Edwin H. Terrill, Texas.
Colombia, F. L. McKinney, N. H.	Argentine Rep. John R. G. Pitkin, La.
Greece, &c., Eben Alexander, N. C.	Turkey, Solomon Hirsch, Oregon.
Guatemala, &c., P. M. B. Young, Ga.	Paraguay, &c., G. Many (M.S.), Tenn.
Japan, Edwin Dunn, Ohio.	Siam, S. M. Boyd, Mo.
Turkey, Alexander Terrell, Texas.	Chili, James D. Porter, Tennessee.
Brazil, Thomas L. Thompson, Cal.	Portugal, Geo. W. Carruth, Arkansas.
Peru, James A. McKenzie, Kentucky.	Switzerland, James O. Brodhead, Mo.
Persia, Alex. McDonald, Va.	The Netherlands, W. D. Quinby, Mich.

Senators and Representatives in United States Congress from Maine.

WILLIAM P. FRYE, Lewiston, Senator,	EUGENE HALE, Ellsworth, Senator.
term expires March 4, 1895.	term expires March 4, 1899.
1st Dis't, Thos. B. Reed, Portland.	3d Dis't, Seth L. Milliken, Belfast.
2d Dis't, Nelson Dingley, jr. Lewiston.	4th Dis't, Charles A. Boutelle, Bangor.

Congress assembles the 1st Monday of December. Two Senators from each State with the Vice President as presiding officer, constitute the Senate; 332 members from congressional districts in the forty-four States, each elected for two years, make the House of Representatives. 53d Cong. from March 4, 1893. to March 4, 1895. Salaries of Senators and Representatives, \$5,000.

Governors of Maine since the Adoption of the State Constitution.

1	William King,	Bath,	from	June 1, 1820,	to	May 28, 1821.
2	W. D. Williamson,*	Bangor,		May 28, 1821,		Jan. 2, 1822.
3	Albion K. Parris,	Paris,		Jan. 4, 1822,		Jan. 4, 1827.
4	Enoch Lincoln,	Portland,		Jan. 4, 1827,		Oct. 8, 1829.
5	Nathan Cutler,*	Farmington,		Oct. 12, 1829,		Feb. 5, 1830.
6	Jona. G. Hunton,	Readfield,		Feb. 10, 1830,		Jan. 5, 1831.
7	Samuel E. Smith,	Wiscasset,		Jan. 8, 1831,		Jan. 1, 1834.
8	Robert P. Dunlap,	Brunswick,		Jan. 2, 1834,		Jan. 3, 1838.
9	Edward Kent,	Bangor,		Jan. 19, 1838,		Jan. 2, 1839.
10	John Fairfield,	Saco,		Jan. 4, 1839,		Jan. 6, 1841.
11	Edward Kent,	Bangor,		Jan. 13, 1841,		Jan. 5, 1842.
12	John Fairfield,	Saco,		Jan. 6, 1842,		Mar. 7, 1843.
13	Edw. Kavanagh,*	Newcastle,		Mar. 7, 1843,		Jan. 1, 1844.
14	David Dunn,*	Poland,		Jan. 2, 1844,		Jan. 3, 1844.
15	John W. Dana,*	Fryeburg,		Jan. 3, 1844,		Jan. 5, 1844.
16	Hugh J. Anderson,	Belfast,		Jan. 5, 1844,		May 12, 1847.
17	John W. Dana,	Fryeburg,		May 18, 1847,		May 8, 1850.
18	John Hubbard,	Hallowell,		May 13, 1850,		Jan. 5, 1853.
19	Wm. G. Crosby,	Belfast,		Jan. 19, 1853,		Jan. 3, 1855.
20	Anson P. Morrill,	Readfield,		Jan. 6, 1855,		Jan. 2, 1856.
21	Samuel Wells,	Portland,		Jan. 4, 1856,		Jan. 7, 1857.
22	Hannibal Hamlin,	Bangor,		Jan. 8, 1857,		Jan. 26, 1857.
23	Jos. H. Williams,*	Augusta,		Jan. 26, 1857,		Jan. 6, 1858.
24	Lot M. Morrill,	Augusta,		Jan. 8, 1858,		Jan. 2, 1861.
25	I. Washburn, Jr.,	Orono,		Jan. 3, 1861,		Jan. 7, 1863.
26	Abner Coburn,	Skowhegan,		Jan. 8, 1863,		Jan. 6, 1864.
27	Samuel Cony,	Augusta,		Jan. 7, 1864,		Jan. 2, 1867.
28	J. L. Chamberlain,	Brunswick,		Jan. 3, 1867,		Jan. 4, 1871.
29	Sidney Perham,	Paris,		Jan. 5, 1871,		Jan. 7, 1874.
30	Nelson Dingley Jr.,	Lewiston,		Jan. 8, 1874,		Jan. 5, 1876.
31	Selden Connor,	Augusta,		Jan. 6, 1876,		Jan. 1, 1879.
32	Alonzo Garcelon,	Lewiston,		Jan. 8, 1879,		Jan. 7, 1880.
33	Daniel F. Davis,	Corinth,		Jan. 17, 1880,		Jan. 5, 1881.
34	Harris M. Plaisted,	Bangor,		Jan. 14, 1881,		Jan. 3, 1883.
35	Frederick Robie,	Gorham,		Jan. 4, 1883,		Jan. 5, 1887.
36	Joseph R. Bodwell,	Hallowell,		Jan. 7, 1887,		Dec. 15, 1887.
37	S. S. Marble,*	Waldoboro,		Dec. 16, 1887,		Jan. 1, 1889.
38	Edwin C. Burleigh,	Augusta,		Jan. 4, 1889,		Jan. 4, 1893.
39	Henry B. Cleaves,	Portland.		Jan. 6, 1893,		

Executive Department of the Government of the State of Maine, 1893.

HENRY B. CLEAVES, Portland, *Governor*, term expires Jan. 1895; Salary \$2000. The *Executive Council* for 1893 and 1894: 1st District, Waldo Pettengill, Rumford; 2d, Marquis F. King, Portland; 3d, C. A. Harrington, Norridgewock; 4th, Edwin O. Clark, Waldoborough; 5th, Fred Atwood, Winterport; 6th, F. Marion Simpson, Carmel; 7th, Lemuel G. Downes, Calais; compensation, \$2 a day while on duty, and mileage. Other State officers for 1893 and 1894:

NICHOLAS FESSENDEN,	Ft. Fairfield,	<i>Secretary of State,</i>	Salary,	\$1500.
SUMNER J. CHADBOURNE,	Dixmont,	<i>Deputy Sec'y of State,</i>		1500.
GEORGE L. BEAL,	Norway,	<i>State Treasurer,</i>		2000.
SELDEN CONNOR,	Portland,	<i>Adjutant General,</i>		1500.
N. A. LUCE,	Vassalboro,	<i>State Sup't Common Schools,</i>		1500.
CHARLES E. OAK,	Caribou,	<i>Land Agent,</i>		1000.
JOSEPH O. SMITH,	Skowhegan,	<i>Insurance Commissioner,</i>		1500.
CHARLES R. WHITTEN,	Augusta,	<i>Bank Examiner,</i>		1800.
BENJAMIN F. HARRIS,	Augusta,	<i>Sup't of Public Buildings,</i>		1200.
LEONARD D. CARVER,	Augusta,	<i>State Librarian,</i>		1200.
PASCAL P. GILMORE,	Bucksport,	<i>State Liquor Commissioner,</i>		1500.
E. W. GOULD,	Searsport,	<i>Com. of seashore and shell Fisheries,</i>		500.
SAMUEL W. MATTHEWS,	Caribou,	<i>Com. Indstl. and Labor Stat.</i>		1500.

Judiciary of Maine. Supreme Judicial Court.

JOHN A. PETERS,	of Bangor,	Chief Justice,	Term exp. Sept. 19, 1897.
CHAS. W. WALTON,	Deering,	Associate Justice,	May 15, 1897.
ARTEMUS LIBBEY,	Augusta,	Associate Justice,	Jan. 10, 1897.
LUCILIUS A. EMERY,	Ellsworth,	Associate Justice,	Oct. 4, 1897.
ENOCH FOSTER,	Bethel,	Associate Justice,	Mar. 24, 1898.
THOS. H. HASKELL,	Portland.	Associate Justice,	Mar. 31, 1898.
WM. P. WHITEHOUSE,	Augusta,	Associate Justice,	Apr. 15, 1897.
ANDREW P. WISWELL,	Ellsworth,	Associate Justice,	April 10, 1900.
FRED'CK A. POWERS,	Houlton,	Attorney General,	Salary, \$1000.
CHAS. HAMLIN,	Bangor,	Reporter to the State, copyrights and	\$500.
Justices of the Supreme Judicial Court are appointed for 7 years; salary, \$3500.			

Superior Courts of Cumberland and Kennebec Counties.

Cumberland County. PERCIVAL BONNEY, *Judge*, Portland. Civil terms, 1st Tuesday in February, March, April, October, November, December. Civil and criminal terms, 1st Tuesday in January, May, September. Salary \$2500.

Kennebec County. OLIVER G. HALL, *Judge*, Augusta. Frank A. Small, Augusta, Reporter. Terms, 1st Tuesday in April, and the 1st Tuesday in September and December at Augusta. On 2d Tuesday in June and 2d Tuesday in November at Waterville. The June and November terms are for civil trials, the others for civil and criminal trials. Salary, \$2500, with \$200 additional for expenses at Waterville.

Clerks of the Supreme Judicial and Superior Courts.

<i>Counties.</i>	<i>Shire towns.</i>	<i>Clerks.</i>	<i>Counties.</i>	<i>Shire towns.</i>	<i>Clerks.</i>
Androscog.	Auburn.	I.W.Hanson.	Oxford.	Paris.	A. S. Austin.
Aroostook.	Houlton.	M. M. Clark.	Penobscot.	Bangor.	Ch's.F.Sweet
Cumberl'd.	Portland.	B. C. Stone.	Piscataquis.	Dover.	H. B. Flint.
Franklin.	Farmington.	E.E.Rich'rds	Sagadahoc.	Bath.	J. M. Hayes.
Hancock.	Ellsworth.	J.F.Knowlton.	Somerset.	Skowhegan.	N W Brain'rd
Kennebec.	Augusta.	W. S. Choate.	Waldo.	Belfast.	T. Wadlin.
Knox.	Rockland.	L.F.Starrett.	Washington.	Machias.	P H Longf'w.
Lincoln.	Wiscasset.	F.A.Creamer	York.	Alfred.	J. E. Hewey.

Courts of Probate and Insolvency and Terms of the Courts of Probate.

<i>Counties.</i>	<i>Judges.</i>	<i>Residences.</i>	<i>Sal.</i>	<i>Registers.</i>	<i>Residences.</i>	<i>Sal.</i>
Androscog.	F. M. Drew,	Lewiston,	\$600	F. O. Watson,	Auburn,	\$650
Aroostook.	G. H. Smith,	Presque Isle,	600	H. M. Briggs,	Houlton,	600
Cumberland	H. C. Peabody,	Portland,	1600	E. C. Reynolds,	Portland,	800
Franklin,	J. Morrison,	Phillips,	350	F. W. Butler,	Avon,	500
Hancock,	OPCun'ingham	Bucksport,	800	Chas. P. Dorr,	Ellsworth,	500
Kennebec,	G. T. Stevens,	Augusta,	700	Howard Owen,	Augusta,	800
Knox,	C.E.Meservey,	S.Thomast'n	325	E. K. Gould,	Rockland,	525
Lincoln,	G.B.Kenniston	Boothbay H	300	HowardEHall,	Wiscasset,	500
Oxford,	Geo.A.Wilson,	So. Paris,	350	A. D. Park,	Hartford,	550
Penobscot,	J. H. Burgess,	Bangor ,	1000	A. E. Hardy,	Bangor,	1200
Piscataquis,	E. J. Hale,	Foxcroft,	300	C. W. Brown,	Dover,	500
Sagadahoc,	FrankJ.Buker,	Richmond,	400	C. W. Longley,	Bath,	500
Somerset,	T. Buswell,	Solon,	350	Nathan Fowler	Skowhegan,	400
Waldo,	G. E. Johnson,	Belfast,	300	J. D. Parker,	Belfast,	400
Washington,	G. R. Gardiner,	Calais,	600	WW.Bradbury	Machias,	500
York,	Nath'l Hobbs,	No. Berwick,	700	Frank Wilson,	Sanford,	750

Androscoggin.—At Auburn, on the second Tuesday in each month.

Aroostook.—At Houlton, on the 3d Tuesday of January, March, May, July, September and November. At Presque Isle, on the 3d Tuesday of April, June, October and December. At Fort Kent, on the last Tuesday of June.

Cumberland.—At Portland, on the first and third Tuesday in each month except August, in which no term of the court is holden.

Franklin.—At Farmington, on the first Tuesday in each month.

Hancock.—At Ellsworth, on the 2d Wednesday in January, March, April, June, August, October, and November. At Bluehill, on the 2d Wednesday in July and Sept. At Bucksport, on 2d Wednesday in February, May, and Dec.

Kennebec.—At Augusta, on the second and fourth Monday in each month except Sept.; in Sept. on the 1st and 4th Monday except on State election years, then on 4th Monday only. **Knox.**—At Rockland, on the 3d Tuesday in each mo.

Lincoln.—At Wiscasset, on the first Tuesday in each month excepting August, in which no term of the court is holden.

Oxford.—At Paris, on the third Tuesday of each month. At Fryeburg, on the first Tuesday of June and December.

Penobscot.—At Bangor, on the last Tuesday in each month. **Piscataquis.**—At Dover, on the first Tuesday in each month. **Sagadahoc.**—At Bath, on the first Tuesday of each month. **Somerset.**—At Skowhegan, on the second Tuesday in each month. **Waldo.**—At Belfast, on the second Tuesday in each month.

Washington.—At Calais on the 2d Wednesday of April and first Tuesday of November. At Cherryfield on the Thursday after the last Wednesday of August. At Columbia Falls on the last Wednesday of August. At Eastport on the last Tuesday of February, and the 2d Tuesday of July. At Machias on the 1st Tuesday of Jan. and October. At Pembroke, on the last Tuesday of May.

York.—On the first Tuesday of every month, as follows:—January and February at Saco; March and July at Biddeford; April, May, June, August, September, October, November and December, at Alfred.

Be noble! and the nobleness that lies
In other men, sleeping, but never dead,
Will rise in majesty to meet thine own.—*J. R. Lowell.*

List of United States Money-Order and Postal Note Offices in Maine, 1893.

Abbot Village, Addison Point, Albion, Alfred, Amherst, Andover, Anson, Appleton, Ashland, Athens, Auburn,* Augusta,* Bangor,* Bar Harbor,* Bar Mills, Bath*, Belfast,* Belgrade, Belgrade Mills, Berwick, Bethel, Biddeford,* Bingham, Blaine, Blanchard, Bluehill, Boothbay, Boothbay Harbor*, Bowdoinham, Bradford, Bradley, Brewer, Bridgewater Centre, Bridgton,* Bristol, Brooklin, Brooks, Brownfield, Brownville,* Brunswick,* Bryant's Pond, Buckfield, Bucksport, Burnham Village, Buxton Centre, Calais,* Cambridge, Camden, Canaan, Canton,* Caribou, Carmel, Castine,* Charleston, Chebeague Island, Cherryfield, Columbia Falls, Cooper's Mills, Corinna, Cornish, Costigan, Cumberland Centre, Cumberland Mills*, Danforth, Danville, Deering Centre, Deer Isle, Denmark, Dennysville, Detroit, Dexter, Dixfield, Dover, Dresden Mills, East Auburn, East Baldwin, East Blue Hill, East Boothbay, East Brownfield, East Corinth, East Dixfield, East Hampden, East Hiram, East Jefferson, East Machias, East Newport, Eastport,* E. Sumner, East Vassalborough, East Wilton, Elliot, Ellsworth,* Ellsworth Falls, Etna, Exeter, Fairfield,* Farmington,* Farmington Falls, Forest City, Ft. Fairfield, Fort Kent, Foxcroft, Frankfort, Franklin, Freedom, Freeport, Friendship, Fryeburgh, Fryeburg Centre, Gardiner,* Garland, Gilead, Gilbertville, Gorham, Great Works, Greene, Green's Landing, Greenville, Guilford, Hallowell,* Hampden Hampden Corner, Hancock, Hanover, Harmony, Harrington, Harrison, Hartland, Hebron, Henderson, Hiram, Hodgdon, Houlton,* Howland, Hurricane Island, Islesboro, Jackmantown, Jay, Jonesport, Kenduskeag, Kennebunk, Kennebunk Beach, Kennebunkport, Kents Hill, Kezar Falls, Kingfield, Kingman, Kittery, Kittery Point, Lamoine, Lee, Lewiston,* Limerick, Limington, Lincoln, Lincoln Centre, Lincolnville, Linekin, Lisbon, Lisbon Falls, Litchfield Corners, Livermore, Livermore Falls, Locke's Mills, Lovell, Lubec, Machias,* Macwahoc, Madison, Manchester, Mapleton, Mattawamkeag, Mechanic Falls,* Mercer, Milford, Millbridge, Milltown, Milo, Monmouth, Monroe, Monson, Monticello, Mt. Desert, Mt. Desert Ferry, Mount Vernon, Naples, Newcastle, Newfield, New Gloucester, New Harbor, Newport, New Portland, New Sharon, New Vineyard, Norridgewock, North Anson, No. Berwick, North Bridgton, Northeast Harbor, North Haven, North Isleborough, North Monmouth, Northport, No. Sedgwick, North Vassalboro', North Waterborough, No. Wayne, No. Whitefield, No. Windham, Norway, Oakland, Ogunquit, Old Orchard, Old Town, Orland, Orono, Oxford, Palermo, Paris, Parker's Head, Passadumkeag, Patten, Pembroke, Penobscot, Perry, Phillips, Pittsfield,* Pleasantdale, Plymouth, Poland, Portland,* Presque Isle,* Princeton, Prospect Harbor, Rancicello, Rangeley, Readfield, Richmond, Rockland,* Rockport, Rumford, Rumford Centre, Sabattus, Saco,* St. Albans, Sandy Point, Sanford,* Sangerville, Sargentville, Seal Harbor, Seasmont, Searsport, Sebago Lake, Sebec, Sedgwick, Sherman Mills, Shirley Mills, Skowhegan, Solon, Sorrento, South Berwick*, South Brewer, South Bridgton, So. Bristol, So. China, South Freeport, So. Gardiner, South Norridgewock, So. Orrington, South Paris, So. Portland, So. Thomaston, So. Waterford, So. West Harbor, So. Windham, Sprague's Mill, Springfield, Springvale,* Spruce Head, Standish, Stetson, Steuben, Stillwater Stockton Springs, Stratton, Strong, Sullivan, Surry, Swan's Island, Swanville, Tennant's Harbor, Thomaston,* Togus, Topsfield, Topsham, Tremont, Turner, Union, Unity, Upper Gloucester, Van Buren, Vanceborough, Vassalboro', Vinalhaven,* Waldoboro, Warren, Washington, Waterford, Waterville,* Wayne, Welchville, Weld, Wells, Wells Depot, West Baldwin, West Bethel, Westbrook,* West Brooksville, West Buxton, West Falmouth, West Farmington, West Harpswell, West Jonesport, West Minot, West Newfield, West Paris, West Pembroke, West Poland, West Sullivan, West Sumner, Wilton, Winslow, Winter Harbor, Winterport, Winthrop, Winthrop Centre, Wiscasset, Woodford's, Woolwich, Yarmouth,* Yarmouthville, York, York Beach, York Corner, York Village. (*Indicates international money-order office.

List of United States Collectors of Customs in Maine, 1893.

Henry J. Hathaway Houlton, salary \$1500; Joab W. Palmer, Bangor, \$2900; C. W. Larrabee, Bath, \$1975; Wm. P. Thompson, Belfast, \$1622; Geo. M. Warren, Castine, \$892; John D. Hopkins, Ellsworth, \$868; Elbridge H. Bryant, Machias, \$1900; P. C. Wiggin, Kennebunk, \$140; George A. Curran, Calais, \$3000; Fred N. Dow, Portland, \$6000; F. H. Oakes, Saco, \$290; Wm. H. Luce, Waldoboro, \$3000; Geo. B. Sawyer, Wiscasset, \$884; G. W. Currier, York, \$257.

Maine Division of Sons of Veterans.—Officers June, 1892-93.

Fifty-five Camps; sixteen hundred and twenty members. Commander, F. E. Fairfield, Augusta; Senior Vice Commander, A. M. Miller, Augusta; Junior Vice Commander, C. E. White, Belfast; Judge Advocate, E. K. Gould, Rockland; Adjutant, Edwin L. Nash, Augusta; Quartermaster, Hiram L. Pishon, Augusta.

We know what we are, but know not what we may be. — *Shakespeare.*

Lawful Weights and Measures, &c., in Maine, for 1894.

Farm Produce per bushel. The standard weight of a bushel of potatoes in good order and fit for shipping, shall be 60 lbs.; a barrel 165 lbs.; of apples, 44 pounds; of wheat, sixty pounds; of corn, fifty-six pounds; of barley and buckwheat, forty-eight pounds; of carrots, fifty pounds; of onions in good order and fit for shipping, fifty-two pounds; of ruta бага, sugar beets, mangel-wurzel and turnip beets in like condition, sixty pounds; of english turnips in like condition, fifty pounds; of beans, 62 lbs.; of peas, 60 lbs.; of rye meal and Indian meal, fifty lbs.; of oats, thirty-two pounds; of herds-grass forty-five pounds; of hair used in masonry, well dried and cleaned, eleven pounds. And at the request of the vender or vendee, the measure of each of these articles shall be determined by sworn measurers, whom the municipal officers in all the towns and cities are authorized to appoint annually.—*Milk.* All measures, cans or other vessels used in the sale of milk shall annually be sealed by wine measure.—*Salt.* A hogshhead of salt shall contain eight bushels; a bushel of Turks island or other course grade of salt shall weigh seventy pounds and of Liverpool or other fine grades, sixty pounds.—*Cord wood and Bark.* All cord wood exposed to sale shall be four feet long including half the scarf, and well and closely laid together; a cord of wood or bark shall measure eight feet in length, four feet in width and four feet in height, or otherwise contain one hundred and twenty-eight cubic feet.—*Charcoal* may be measured and sold by the cord or foot, estimating the cord at ninety-six bushels; baskets for measuring charcoal shall contain two bushels, and be nineteen inches in breadth every part thereof, and seventeen and one-half inches deep, measuring from the top of the basket to the highest part of the bottom; in measuring charcoal for sale the basket shall be well heaped.—*Anthracite*, bituminous and other mineral coal shall be sold by weight and two thousand pounds thereof shall be a ton.—*Interest.* In the absence of any agreement in writing, the legal rate of interest in Maine is six percentum by the year.

Public Holidays in Maine.

New Year's day, Jan. 1; Washington's Birthday, Feb. 22; Fast day; Memorial day, May 30; Independence day, July 4; Labor day, the first Monday in Sept.; Thanksgiving day; Christmas day, Dec. 25. On any promissory note, inland bill of exchange, draft or order for the payment of money, payable in this state at a future day, or at sight, and not on demand, a grace of *three* days is allowed by law. If the third day of grace is Sunday, or any holiday above named, *two* days only are allowed. When any holiday occurs on Monday and the latter is the third day of grace, or when a holiday occurs on Saturday and the following Sunday is the third day of grace, *four* days are allowed. No person can be legally arrested upon civil process on the Lord's Day, Fast day, 30th of May, 4th of July, Labor day, Thanksgiving day and Christmas day; and no elector can be arrested, except for treason, felony, or breach of the peace, on the days of election of United States, State, or town officers. Arbor day (not a legal holiday) is set apart by the Governor.

The Legislative Branch of the Maine State Government.

The Maine Legislature consists of 31 Senators and 151 Representatives (who are elected by plurality the same as the Governor and county officers.) It meets in regular session on the first Wednesday in January of every odd year, and in extra session when called by the Governor. Salary of members, \$150 for regular session, and 20 cents mileage from their homes to the seat of government at Augusta; for extra session \$2 for each day's attendance and mileage; president of senate and speaker of house receive \$300 each for a regular session and the same mileage as other members, and \$2 a day and mileage for extra session. Secretary of senate and clerk of house, \$800 each in full for all services; ass't sec'y, and ass't clerk, \$300 each; messengers to senate and house, \$175 each; ass't do. \$150; reporters, \$300; pages to senate and house, \$100 each in full.

United States Circuit and District Courts and U. S. Commissioners.

United States Circuit Court, is held at Portland on the 23d days of April and September, except when those dates occur on Sunday, in which case the court is held on the 24th days of those months. LeBarron B. Colt, Providence, R. I., Wm. L. Putnam, Portland, Circuit Judges. H. B. Saunders, Ellsworth, U. S. Marshal. *United States District Court*, Nathan Webb, Portland, District Judge; Abner H. Davis, Clerk; Isaac W. Dyer, Portland, U. S. District Attorney. The Court sits at Portland on the 1st Tuesdays of Feb. and Dec.; at Bath on the 1st Tuesday of September; at Bangor on the 1st Tuesday of June.

United States Commissioners. Charles E. Clifford, E. M. Rand, Wm. M. Bradley, Portland; Joseph M. Hayes, Bath; Winfield S. Choate, Augusta; Chas. Hamlin, Frederick H. Appleton, Bangor; George P. Dutton, Ellsworth; Henry Ingalls, Wiscasset; Edmund F. Webb, Waterville.

Registers in Bankruptcy. Charles Hamlin, Bangor; John W. May, Auburn. Wm. A. Richardson, of Mass. Ch. Justice of U. S. Court of Claims, sal. \$4500. D. W. Scribner, Portland, Com'r U. S. Court of Claims.

Rates of Domestic and Foreign Postage, October 1, 1893.

Domestic postages.—All mailable matter is divided into four classes: First, written matter; second, periodical publications; third, miscellaneous printed matter; fourth, merchandise.

First class matter.—The single rate for letters is two cents per ounce or fraction thereof. Drop letters one cent per ounce, or two cents where free delivery by carriers is established. Postal cards 1 cent.

Second class matter.—This embraces all newspapers, periodicals or matter exclusively in print, and regularly issued at stated periods and as frequently as four times a year, from a known office of publication or news agency, except regular publications designed primarily for advertising purposes, or for free circulation, or for circulation at nominal rates. Postage one cent a pound or fraction of a lb.; 2d and 3d classes matter must be fully prepaid; 2d class matter when sent by others than pub'rs or news agt's 1 ct. for each 4 oz. or fraction.

Third class matter.—This embraces books, transient newspapers and periodicals, circulars, and any other matter wholly in print, or which is a reproduction upon paper by any process except that of handwriting, of any words, letters, characters, figures, or images, or of any combination thereof, not having the character of an actual and personal correspondence; labels, visiting cards, address tags, paper sacks and wrapping paper with advertisements thereon, bill-heads, letter-heads, envelopes and other matter of the same general character; proof-sheets and corrected proof-sheets, and manuscript copy accompanying the same, prices current, chromo-lithographs, engravings, heliotypes, lithographs, photographs, photographic and stereoscopic views with title written thereon. Postage one cent for each two ounces or fraction thereof. All packages of matter of the 3d class must be so wrapped that their contents may be readily examined by postmasters.

Fourth class matter.—This embraces all matter not embraced in the other classes, which is not in its form or nature liable to injure the contents of the mail-bag, or harm any person engaged in the service, such as patterns, dry-goods, paper, cardboard, articles of apparel or ornament, liquids (not ardent, vinous, spiritous, or malt, and not liable to explosion or spontaneous combustion or ignition by shock or jar, and not inflammable), soaps, pastes, confections, ointments, salves, and articles of similar character, are admitted to the mails and are rated as fourth class matter. Postage one cent per ounce or fraction thereof. Third and fourth class matter limited to four pounds. It may be registered the same as letters.

Foreign postages.—To the dominion of Canada, letters two cents per ounce; postal cards 1 cent. Newspapers not exceeding 4 ounces, 1 cent each. Other printed matter, 1 cent for each two ounces. Patterns and samples of merchandise, 10 cents for eight ounces, (no package exceeding eight ounces can be sent.) Prepayment required. To most other foreign countries, for prepaid letters, 5 cents per half ounce; for unpaid letters, 10 cents per half ounce; for postal cards, 2 cents each; for newspapers if not over two ounces in weight 2 cents each; for printed matter of all kinds, commercial papers, and samples of merchandise, 1 cent for each packet bearing a particular address, and for every weight of two ounces or fraction thereof; with a minimum charge of 5 cents per packet of commercial papers, and a minimum charge of 2 cents per packet of samples of merchandise. The maximum weight of printed matter and commercial papers is 4 lbs. 6 oz. and of samples of merchandise 8 3/4 ounces.

Registration fee on all correspondence, domestic and foreign, 8 cents.

Postal notes, payable to bearer, for any sum from one cent to four dollars and ninety-nine cents, inclusive, may be obtained at any money order post office, and the same is payable at any money order office in the United States, which the sender may designate. Fee for a postal note is three cents.

Money orders.—Within the United States, on orders not exceeding \$5, 5 cts.; over \$5 and not exceeding \$10, 8 cents; over \$10 and not exceeding \$15, 10 cts.; over \$15 and not exceeding \$30, 15 cents; over \$30 and not exceeding \$40, 20 cents; over \$40 and not exceeding \$50, 25 cents; over \$50 and not exceeding \$60, 30 cents; over \$60 and not exceeding \$70, 35 cents; over \$70 and not exceeding \$80, 40 cents; over \$80 and not exceeding \$100, 45 cents.

Foreign rates.—Canada or Newfoundland, German Empire, Denmark, Norway, Sweden, The Netherlands, Luxemburg, Italy, France, Algeria, Switzerland, New So. Wales, Victoria, New Zealand, Jamaica, Belgium, Tasmania, Portugal, The Azores and Madeira Islands, Hawaiian Kingdom, Queensland, and the Cape Colonies, Great Britain and Ireland, British India, British ports in China, Turkey, Egypt, on orders not exceeding \$10, 10 cts.; over \$10 and not exceeding \$20, 20 cents; over \$20 and not exceeding \$30, 30 cents; over \$30 and not exceeding \$40, 40 cents; over \$40 and not exceeding \$50, 50 cents. \$50 is the limit for the Canadas and Great Britain; the other countries \$100. Three orders from same remitter to same payee are all that can be drawn in one day.

United States pensions are paid quarterly (March 4, June 4, September 4, and December 4,) to persons entitled thereto, upon presentation of certificate at the Pension Agency, at Augusta. Joseph A. Clark, Pension Agent, 1893.

WINTER EVENING AMUSEMENTS.

CHARADE No. 1.

First, I think, is done by all,
The high and low, the great and small,
Second will show a gate or door,
And *whole* all need, some less, some
more. Tom Scott.

CHARADE No. 2.

My *first* is a mark to be aimed at in
play,
My *second* a nodule of earth, perhaps
clay;
My *whole* is a monkey or bird, as you
please,
Though the bird you'll not find perch-
ed aloft in the trees.

T. H. McL—n.

CHARADE No. 3.

My *first* is a number, if aright I have
reckoned,
Exactly equal to one-fifth of my
second.
My *second* by *first* you can now mul-
tiply,
And the *whole* will surely appear to
your eye. Franklin.

CHARADE No. 4.

First, amusement and business for
girls;
Last, excellent fun for the boys;
Whole, devoid of amusement or whirls,
Of life, business, fun, or noise.
Plutarch.

CHARADE No. 5.

Take a coin 'mong the Turks,
Just to see how it works;
Add another that's well known in
France,
And the two put together,
If in storm or fair weather
Should you follow, may lead you a
dance.
If the *last* you perceive,
Then the *whole* do not leave;
You will need it I haven't a doubt.
A coin reversed you can make of my
first

So there's little you have to find out.
Milton.

CHARADE No. 6.

My *first* is in ocean, on the continent
too,
In schools, college, church, in com-
mercial review,
In credit, exchange, in stocks old and
new,
In social, politic, financial, electric.
My *second's* much used when in trou-
ble or sick;

My *third* is an article in trade, traffic,
trick;
My *fourth* is a liquid, not sealed in a
can,
It is joined to the home in the archi-
tect's plan;
My *whole* brings power, pleasure and
comfort to man. Nora Neville.

CHARADE No. 7.

I am a little word of letters seven,
My *first* is a little scarry,
My *second* will scare you more,
My *whole* will scare you awfully,
When found in political lore. *Iota.*

CHARADE No. 8.

First, the name of a game for the
strong;
Next belongs to but one,
Yet with many is found;
Third undoes or corrects what is
wrong.
Whole, in shade not in sun,
Can be traced in the ground.
Plutarch.

CHARADE No. 9.

Study, my *first*, my *next* observe
Is a vowel short; but then 'twill serve
If the vowel's annexed; my *third* we
hate,
Or our grandsires did; but now, of late,
We abhor or detest. My *whole*, if I
read aright,
Averts decay, or saves from blight.
Fellowcraft.

ANAGRAM No. 1.

First, will show a certain race,
Transposed is nothing but a trace;
Domestic animals my *next*;
Then something noxious claims our
text.
Eject my *fifth* and win the case.
Tom Scott.

ANAGRAM No. 2.

I wish you all a happy year,
And that my *first* you may not fear,
Your *third* be many, *fourth* be few;
Second in *fourth* then may you view;
And if among the tribes of men
You seek, and *fifth* should meet your
ken,
If in my *sixth* your feet should stand,
And *seventh* you hear on every hand,
Turn to the scripture, which proclaims
My *eighth* and *ninth*, both proper
names;
Now if your brain you only rack,
My *tenth* you'll find this nut will
crack. Adrian.

ANAGRAM No. 3.

The different tribes of men transpose,
Large plots of land it will disclose,
Transpose again and bring to view,
What often pains, and troubles, too.
Once more, and if arranged aright,
Don't shudder, 'twill produce a fright.
Calchas.

ANAGRAM No. 4.

In wedded life my *whole* you'll find;
First change shows what I know;
The next, although 'tis far behind,
Is often made to go. *Fellowcraft.*

ANAGRAM No. 5.

The ranchman gathered my *first* in a field,
While *second* his feet made sore;
His dogs being *third*, their natures revealed,
And *fourth* and heavy the rifle he bore;
My *fifth* is the way he disposes sometimes
Of the scurrilous libels contained in these rhymes. *Adrian.*

DIAMOND No. 1.

If you a certain letter take,
And next a certain coin arrange,
Place a certain event in its proper place,
Eject my fourth (don't think it strange),
Defeat my fifth; and for sixth of me,
Write a part of a ship's anatomy,
Observe the sun-dog, merry clown,
And each third day my eighth write down,
Then a certain measure write with ease,
And put for tenth a painful disease,
Close up with a letter and read me aright,
A perfect diamond will greet your sight. *Tom Scott.*

DIAMOND No. 2.

1. A letter. 2. The highest point.
3. An alkaline salt. 4. Overtopped.
5. Part of a vessel. 6. Marched. 7.
A vessel. 8. Accomplished. 9. A letter. *Franklin.*

WORD PUZZLE.

A common word please take,
Head and tail eliminate,
And disclose a certain state.
This is plain—yet if you
Further still would seek a clue,
Let head and tail united be,
And a Saxon word for cattle see.
H. T. K. E.

WORD SQUARE No 1.

You gave us a stump, and now I'll
stump you,
And give you the *tree* on which the
stump grew.
Third the name of the "hills" on
which the tree stood;
Fourth a "ruler," perhaps made out
of the wood. *Adrian.*

WORD SQUARE No. 2.

A plant, a substance crystalline,
A floral fringe for third in line,
A famous poet of olden time,
A certain church I have in mind;
Two letters now you must combine,
And last some fishes you must find.
Arrange these seven words with care,
And you will have a perfect square.
Tom Scott.

WORD SQUARE No. 3.

This word protection will supply,
My next, a shrub you will espy,
A word of much importance see,
And this a sceptic cannot be,
Next, temporary ownership I call,
Last comes in April. That's all.
Franklin.

ENIGMA.

Once a darkey named Joe, as I happen
to know,
Drove a grocery team for his master;
He was troubled with ills which he
doctored with pills,
And a spread of Allcock's Porous
Plaster.
These did him no good, neither Dana
nor Hood,
So he called Uncle Remus, the doctor,
Who rolled up his eyes, and looked
very wise,
And said, "Joe, you must hab a
decocter;
De trubble with you, am *jest what you*
do;
In de fust place, stop drivin dat hoss."
Now tell if you know, what's the
matter with Joe,
That he's ordered to leave his old boss.
T. H. McL—n.

PARADOX No 1.

I am what you've ne'er seen,
And you cannot refute it;
Should I claim it myself,
There is none would dispute it.
If you cut off my head,
My body's still there;
Yet this a falsehood,
I firmly declare,
So having no body paradoxically said,
The paradox turns to a *body all head*.
Milton.

PARADOX No 2.

I am two-thirds of two-thirds of myself.
Plutarch.

PARADOX No 3.

When I'm whole I'm severed in twain,
Behold we twice and I'm joined again.
H. T. K. E.

CONUNDRUMS.

1. Who is the most important personage mentioned in American history?
T. H. McL—n.

2. Why is a certain canton of Switzerland like one of us?
Adrian.

3. What is the only capital sport?
Plutarch.

ANSWERS TO LAST YEAR'S PROPOUNDINGS.

RIDDLE No. 1.

"Drop." Answered by H. T. K. E., Plutarch, Franklin, Fellowcraft, Milton, T. H. McL—n, Adrian, Tom Scott, Vase and Apprentice.

RIDDLE No. 2.

This is the last of Scott for a season,
But he's not a star that grows dim,
Which we give as a good and sound reason,

The "last" has not been heard yet from him.
Fellowcraft.

Answered also by T. H. McL—n, Adrian and Vase. Others give *stock*.

CHARADE No. 1.

"Conundrum." Answered by Plutarch, Iota, H. T. K. E., Franklin, Nora Neville, Fellowcraft, Milton, T. H. McL—n, Adrian, Tom Scott, A. Benson, Vase and Apprentice.

CHARADE No. 2.

"Windlass." Answered by Franklin, Adrian, Plutarch, Nora Neville, Fellowcraft, Iota, T. H. McL—n, Tom Scott, Vase and Apprentice.

CHARADE No. 3.

"Damaskin." Answered by Fellowcraft, Milton, H. T. K. E., Plutarch, Franklin, T. H. McL—n, Adrian, Tom Scott, Vase and Apprentice.

CHARADE No. 4.

This trick of our youth, so befogged and obscure,
Is "Apple-pie-bed," I feel very sure.
T. H. McL—n.

Answered also by Fellowcraft. Others give philopene, turn-pie-plate, roll-pie-plate, &c.

CHARADE No. 5.

"Land." Answered by Adrian, Vase, Fellowcraft, T. H. McL—n, Tom Scott and Apprentice. Vase claims that this is a rebus and not a charade.

CHARADE No. 6.

"Leap-year." Answered by Franklin, Vase, Nora Neville, Adrian and Tom Scott. Some give *play-day*.

ANAGRAM No. 1.

"Metathesis." Answered by Tom Scott, Plutarch, Fellowcraft and T. H. McL—n. Tom Scott says: "I regard this as the shrewdest thing yet."

ANAGRAM No. 2.

"Sircar." Answered by Nora Neville, H. T. K. E., Plutarch, Franklin, Fellowcraft, Milton, T. H. McL—n, Adrian, Tom Scott, Vase and Apprentice. Several say this is a charade, not an anagram.

ANAGRAM No. 3.

"Strude-duster-rudest-rusted-redust-rude." Answered by Vase, H. T. K. E., T. H. McL—n, Franklin, Adrian, Tom Scott and Apprentice.

ANAGRAM No. 4.

"Rail-lira-rial-rail-liar." Answered by Iota, Adrian, Tom Scott, Vase, Franklin, H. T. K. E., Nora Neville, Fellowcraft, Milton, T. H. McL—n and Apprentice.

EQUIFORM DIAMOND.

"M-dad-solos-dogagod-Malayalam-dogagod-solos-dad-M." Answered by Fellowcraft, T. H. McL—n, Adrian and Apprentice. Vase says: "Plutarch takes too much liberty with the Queen's English. What does he mean by a *numbersome* word? Or madam's fetich's savor? Why doesn't he get out a dictionary of his own?"

TRANSPOSITION NO. 1.

"Disproportionableness." Answered by Apprentice, T. H. McL—n, Tom Scott, Plutarch, Fellowcraft and Vase.

TRANSPOSITION NO. 2.

"Insurmountable." Answered by Tom Scott, Plutarch, Fellowcraft, T. H. McL—n, Vase, H. T. K. E., Franklin and Apprentice.

PARADOX.

"Dido." Answered by Apprentice, Adrian, H. T. K. E., Plutarch, Franklin, Nora Neville, T. H. McL—n, Tom Scott and Vase.

NUMERICAL ENIGMA.

"*The mythographs.*" Answered by Vase, T. H. McL—n, Franklin, Fellowcraft and Adrian.

SQUARE WORD.

"*Tsar-sari-arts-rise.*" Answered by Vase, Tom Scott, T. H. McL—n, Franklin, Fellowcraft and Adrian.

CONUNDRUM No. 1.

"*His bark is on the high sea (high C).*" Answered by T. H. McL—n, Tom Scott, Adrian, H. T. K. E., Plutarch, Franklin, Fellowcraft, Vase and Apprentice.

CONUNDRUM No. 2.

"*It had its Price.*" Answered by Adrian, Tom Scott, Vase, H. T. K. E., Fellowcraft, T. H. McL—n and Plutarch.

CONUNDRUM No. 3.

"*When he is gushy (Gushee).*" Answered by Fellowcraft, T. H. McL—n, Adrian, Tom Scott and Vase. Other answers are: When he is *silent*, When he is a dry 'un (Adrian).

CONUNDRUM No. 4.

"*Elixir (He licks her).*" Answered by Tom Scott, Franklin, Fellowcraft,

Adrian and Vase. One gives: With a maul t'lick her (malt liquor).

MAGIC SQUARE, 1894.

466	477	472	479
473	478	467	476
475	468	481	470
480	471	474	469

Querist.

The sun
passeth through
pollutions and
itself remains as
pure as before.
Bacon.—People
never give up
their liberties but
under some delu-
sion. *E. Burke.*

TO THE MEMORY OF MISS HEMMENWAY.

Elizabeth Josephine Hemmenway was the daughter of John and Orricy Hemmenway, and was born in Harmony, Maine, April 10, 1852. She received her education in the Maine town schools and at Monson Academy. She began to write for the "Maine Farmers' Almanac" in 1873, and her name as "Aunt Simpkins," appeared in that Almanac 343 times, and in every year from 1873 to 1891. In 1879 and 1880 she spent much time and conducted an extensive correspondence in "getting up" the first Convention of the Almanac writers who met at Hallowell, June 2, 1880. Without her persevering labors that Convention never would have been held. In November, 1880, she removed to Minneapolis. She was much interested in the good cause of temperance, both in Maine and Minnesota, and was an eloquent speaker. She was an active member of the Methodist church, and much beloved and esteemed, but she was not a bigoted sectarian. She tenderly loved all christians of every name. She died December 27, 1892, aged 40 years. In her last sickness she cheerfully said: "The prospect is bright before me." "Rock of Ages" was her favorite hymn.

Saint Anthony Park, Minn., April 7, 1893.

ANSWERS TO LAST YEAR'S MATHEMATICAL QUESTIONS.

1. Draw the rectangle with sides as 30 to 40; mark three adjacent corners, B A C, with A C = 30 and A B = 40. Extend A C to D so that A D = 140, the distance around the barn. Extend A B to E so that A E = 140. Then with A as a center and A D as a radius draw three-fourths the circumference of the circle from D to E. With C as a center and C D (= 110) as radius, and B as a center and B E (= 100) as radius, draw two arcs towards each other till they intersect at F. Draw F C = 110, F B = 100 and B C = 50, the latter line dividing the rectangle diagonally into two equal right triangles. The required space then consists of the $\frac{3}{4}$ circle with radius 140, two sectors, C F D and B F E, with radii 110 and 100 respectively, and the triangle whose sides are 50, 100 and 110, less $\frac{1}{2}$ the rectangle included in the above triangle. As the angles A C B (found by logarithmic calculation to be $53^{\circ} 7' 48''$), B C F (found to be $65^{\circ} 17' 19''$ and F C D together make 180° , the angle F C D is $61^{\circ} 34' 53''$, and by subtracting from 180° the angles A B C ($36^{\circ} 52' 12''$) and C B F ($87^{\circ} 41' 57''$), there remains $55^{\circ} 25' 51''$ for the angle E B F. Now the area of the $\frac{3}{4}$ larger circle is 46181.4067 ft., area of sector E B F, 4837.2528 ft., area of sector F C D, 6502.5278 ft., area of triangle F C D, 2497.9992 ft. Adding above and subtracting $\frac{1}{2}$ rectangle (600 ft.), we have for answer, 59419.1365 square feet, or 218.2523 square rods. *C. W. C.*—Answered also by *W. L. Harvey, Querist, S. P. Bartlett, Hurrah, J. A. Colson* and *A. H. H.* There is some variation in the answers obtained but the methods practically agree.

2. If the triangle is right angled we have $x^2 + y^2 = z^2$, $x + y + z = 90$, $xy = 360$, or $2xy = 720$. $x + y = 90 - z$, $x^2 + 2xy + y^2 = 8100 - 180z + z^2$. Substituting for $2xy$ and $x^2 + y^2$ their values and reducing, we have $180z = 7380$, $z = 41$. Then $x + y = 90 - 41 = 49$, $xy = 360$, $x = \frac{360}{y} = 49 - y$, or $y^2 - 49y$

= 360. From which $y = 40$ or 9 , $x = 9$ or 40 . If we make the triangle isosceles we have $2x = \text{base}$, each side $= 45 - 2x$. Then $\sqrt{(45-x)^2 - x^2} = \text{alti.}$, $x\sqrt{(45-x)^2 - x^2} = 180$ from which $x = 4.46818$, $2x = 8.93636 = \text{base}$, and each side $= 40.53132$. Any number of different values can be found if we make it a scalene triangle, not right angled. *W. L. Harvey.*—Answered also by *S. P. Bartlett*, *A. H. H. C. W. C.*, *Hurrah*, *J. R. Webster* and *J. A. Colson*.

3. The proposer sends the only correct solution, which is as follows: Let v = the angle, the plane of the plate makes with the vertical at any time t from the beginning of the motion, m = the mass of the plate, k = its radius of gyration about the point of suspension, and put 1 foot = a . For the motion, taking moments about the point of suspension,

$$m k^2 \frac{d^2 v}{dt^2} = -m g a \sin. v. \dots (1), g \text{ being the acceleration of gravity}$$

$$= 32\frac{1}{6} \text{ feet. Multiplying (1) by } 2 \frac{dv}{dt} \text{ \& int'grating, } k^2 \frac{dv^2}{dt^2}$$

$$= 2 g a \cos. v + C. \dots (2). \text{ When } v = 90^\circ, \frac{dv}{dt} = 0; \therefore C = 0, \text{ and (2)}$$

$$\text{becomes } k^2 \frac{dv^2}{dt^2} = 2 g a \cos. v. \dots (3). \text{ In this problem, } k^2 = \frac{5}{4} a^2$$

Substituting this in (3) and solving for dt , $dt =$

$$\frac{\sqrt{5}a}{8g} \sqrt{\sec. v} dv = \frac{\sqrt{5}a}{8g} (1 + \frac{v^2}{4} + \&c.) dv \dots (4).$$

$$\text{Integrating, } t = \frac{\sqrt{5}a}{8g} (v + \frac{v^3}{12} + \&c.)_0^p = \frac{\sqrt{5}a}{8g} (p + \frac{p^3}{12} + \&c.) \dots (5), \text{ in which } p = 3.1416 \div 2. \text{ Substituting the numbers, } t = 0.263 \text{ of a second. } Wm. Hoover.$$

4. $F(x, y) = 3y^2 - 6x^2y - x^4 = 0 \dots (1)$. Tracing the curve, the indications are that there is a multiple point at the origin. Examining that point, we find that $\frac{dF}{dx} = -12xy - 4x^3$, $\frac{dF}{dy} = 9y^2 - 6x^2$, $\frac{d^2F}{dx^2} = -12y - 12x^2$, $\frac{d^2F}{dx dy} = -12x$, $\frac{d^2F}{dy^2} = 18y$, $\frac{d^3F}{dx^3} = -24x$, $\frac{d^3F}{dx^2 dy} = -12$, $\frac{d^3F}{dx dy^2} = 0$, $\frac{d^3F}{dy^3} = 18$. Making $\frac{dF}{dx} = 0$, and $\frac{dF}{dy} = 0$, gives $x = 0$, $y = 0$. These values also satisfy (1). In the quadratic equation

$$\frac{d^2F}{dx^2} + 2 \frac{d^2F}{dx dy} \frac{dy}{dx} + \frac{d^2F}{dy^2} \left\{ \frac{dy}{dx} \right\}^2 = 0, \text{ substitute the values of } \frac{d^2F}{dx^2}, \frac{d^2F}{dx dy}, \frac{d^2F}{dy^2}$$

$$x = 0, y = 0, \text{ and we find intermediate values for } \frac{dy}{dx}. \text{ Next take the cubic equation } \frac{d^3F}{dx^3} + 3 \frac{d^3F}{dx^2 dy} \frac{dy}{dx} + 3 \frac{d^3F}{dx dy^2} \left\{ \frac{dy}{dx} \right\}^2 + \frac{d^3F}{dy^3} \left\{ \frac{dy}{dx} \right\}^3 = 0, \text{ and in it substitute the values of } \frac{d^3F}{dx^3}, \frac{d^3F}{dx^2 dy}, \frac{d^3F}{dx dy^2}, \frac{d^3F}{dy^3}, x = 0, y = 0, \text{ and we find that } \left\{ \frac{dy}{dx} \right\}^3 - 2 \frac{dy}{dx} = 0. \text{ Hence } \frac{dy}{dx} = \pm \sqrt{2}.$$

Taking the positive value we have $y = x\sqrt{2} \dots (2)$, as the equation of

the tangent of positive finite value through the origin. Put $y = m x$. Then $x = 3 m^3 - 6 m \dots (3)$, and $y = 3 m^4 - 6 m^2 \dots (4)$. To find the fifth positive integral values of x and y , make $m = 6$. Then we have $x = 612$, and $y = 3672$. The general equation for a tangent through a given point is $y^1 - y = \frac{dx}{dy} (x^1 - x) \dots (5)$. From (3) and (4) we find that $\frac{dx}{dm}$

$$= 9m^2 - 6, \text{ and } \frac{dy}{dm} = 12 m^3 - 12 m. \text{ Hence } \frac{dy}{dx} = \frac{4 m^3 - 4 m}{3 m^3 - 2}.$$

Therefore the equation for the tangent at the point (612, 3672) becomes, dropping the accent marks, $420 x - 53 y = 62424 \dots (6)$. Combining (2) and (6), we have $x = 180.91465$, and $y = 255.85195$, as the co-ordinates of the point of intersection of the two tangents. Therefore the distance of this point from the origin is $\sqrt{(180.91465)^2 + (255.85195)^2} = 313.35$

J. A. Colson.

MATHEMATICAL QUESTIONS FOR 1894.

1. A man employed a land surveyor to run out his farm, to be a right angled parallelogram, its width $\frac{3}{4}$ of its length, and to contain as many acres as there are rods in its perimeter. Required the length and width of the farm arithmetically.

W. N.

2. Find the sum of the following series: $\frac{1}{24} + \frac{9}{640} +$

$$\dots + \frac{1.3.5 \dots 2n-1}{2.4.6 \dots 2n} \times \frac{2^n - 1}{2n \cdot 2n + 1 \cdot 2^n} + \&c.,$$

to infinity.

A. H. H.

3. My garden contains one acre of land and is a right angled triangle. A walk, nine feet wide along its three sides, within its border, occupies one fifth of its area. What are the lengths of the sides that include the right angle?

J. R. Webster.

4. From a point in an equilateral triangle given the distances to each angle (say a, b, c). Required the sides of the triangle.

C. W. C.

5. In front of a stationary body of cavalry there are three lines of cavalry forming with the stationary front a quadrilateral whose sides bear the following proportions to each other: Fixed front: 4 :: side lines: 5 :: middle line: 2. The cavalymen are each just one rod from the two nearest at all times, and each column as regards itself keeps in a straight line during their evolutions. While the side lines cross each other the central horseman in the middle line is obliged to make a curve with respect to the fixed front whose longest ordinate is 16.215045 ft. How many cavalymen were in the evolution?

A. H. H.

6. From an even number, $2n$, of counters marked with consecutive numbers, 1, 2, 3, &c., two are drawn at random; in how many ways may an even sum be drawn? In how many an odd?

William Hoover.

Maine Historical Society.

Organized in Portland, 1822. Baxter building, 621 Congress St. Portland. Its valuable collections of books, pamphlets and relics, have been carefully arranged therein, and are now open for reference to the public. Its library of bound books numbers 10,000, and it has an equal number of unbound pamphlets. It possesses, also, a large collection of curiosities, relics and Indian implements.

Officers. Pres. Hon. James P. Baxter, Portland; Vice Pres. Rufus K. Sewall, Wiscasset; Cor. Sec'y, Joseph Williamson, Belfast; Treas. Philip H. Brown, Portland; Rec. Secretary and Librarian, H. W. Bryant, Portland. Quarterly meetings at Portland. Annual meeting in June.

National Home for Disabled Volunteer Soldiers, Eastern Branch, Togus, Me.

Established by Act of Congress Sept. 27, 1866. Gen. Fessenden, Portland, local manager; Gen. Luther Stephenson, jr., governor; Maj. John D. Anderson, Gray, treas.; S. J. F. Miller, surg. Number at Home, 1893, about 2000.

List of Salaried Postmaster in Maine, June, 1893.

John C. Blake, Auburn, salary \$2500; Walter D. Stinson, Augusta, \$3100; A. B. Farnham, Bangor, \$3000; John Suminsby, Bar Harbor, \$1800; W. E. Hogan, Bath, \$2400; A. I. Brown, Belfast, \$2500; W. H. Rich, Berwick, \$1000; E. E. Clark, Biddeford, \$2200; Brewer, \$1000; J. H. Roes, Bridgton, \$1300; C. E. Townsend, Brunswick, \$1900; Harry B. Parker, Bucksport, \$1100; W. H. Pike, Calais, \$1800; F. A. D. Singhi, Camden, \$1500; J. W. Gary, Caribou, \$1200; Joseph Dunnell, Cumberland Mills, \$1000; N. F. Roberts, Dexter, \$1500; N. C. Stowe, Dover, \$1100; A. P. Bunker, Eastport, \$1600; A. R. Devereaux, Ellsworth, \$1700; S. Merrill, Fairfield, \$1500; J. H. Thompson, Farmington, \$1500; C. S. Ham, Foxcroft, \$1400; A. C. Cary, Ft. Fairfield, \$1100; H. C. Brewer, Freeport, \$1200; Fred E. Milliken, Gardiner, \$2000; D. K. Jewell, Hallowell, \$1700; Eben Woodbury, Houlton, \$1700; Chas. F. Warren, Kennebunk, \$1400; W. T. Smart, Lewiston, \$2600; Geo. Plummer, Lisbon Falls, \$1000; J. E. Jeffords, Livermore Falls, \$1100; D. A. Curtis, Machias, \$1200; Madison, \$1200; F. E. Dwinal, Mechanic Falls, \$1400; D. A. Hurd, North Berwick, \$1100; L. I. Bartlett, Norway, \$1500; E. M. Stacy, Oakland, \$1100; Chas. W. Bosworth, Oldtown, \$1400; C. C. White, Orono, \$1100; G. D. Austin, Phillips, \$1000; H. F. Libby, Pittsfield, \$1400; John C. Small, Portland, \$3400; Arthur C. Perry, Presque Isle, \$1300; John H. Fellows, Richmond, \$1400; John Lovejoy, Rockland, \$2300; William Stackpole, Saco, \$1800; S. O. Nichols, Sanford, \$1500; Forrest Goodwin, Skowhegan, \$1900; Wm. H. Downs, South Berwick, \$1200; Franklin Maxim, South Paris, \$1100; W. E. Sanborn, Springvale, \$1100; T. S. Singer, Thomaston, \$1400; James H. Stanwood, Waldoboro, \$1200; F. L. Thayer, Waterville, \$2300; C. B. Woodman, Westbrook, \$1500; C. D. Wood, Winthrop, \$1300; W. H. Motley, Woodfords, \$1100.

Officers of the Sixty-Sixth Legislature of Maine.

Senate. Albert M. Spear, Gardiner, President; Kendall M. Dunbar, Damariscotta, Secretary; Harold R. Smith, Whitefield, Ass't Sec'y; Chas. H. Lovejoy, Sidney, Messenger; James F. Ashford, Windsor, Ass't Messenger; A. B. T. Chadbourne, Dixmont, Folder; S. A. Holden, Tremont, Mail Carrier; Edward F. Webb, Portland, Francis Woodbridge, Augusta, Pages; Ewing W. Hamlen, Boston, Reporter. *Clergymen of Augusta, Hallowell and Gardiner, Chaplains.*—*House of Representatives.* Albert R. Savage, Auburn, Speaker; William S. Cotton, Lisbon, Clerk; E. M. Thompson, Union, Assistant Clerk; Wm. J. Smith, Litchfield, Messenger; George H. Fisher, Winterport, 1st Ass't Messenger; Fred A. Stevens, Monroe, 2d Ass't Messenger; Walter I. Neal, Liberty, Mail Carrier; L. H. Hammond, Manchester, Ass't Mail Carrier; J. Freeman Frederic, Stark, 1st Folder; Chapin Lydson, Litchfield, 2d Folder; Silas S. Holbrook, Harpswell, 3d Folder; B. F. Maxim, Wayne, Doorkeeper; Walter D. Bean, Jay, Doorkeeper; Ralph I. Morse, Liberty, J. Wallace Blunt, Skowhegan, Pages; Rev. D. B. Randall, Portland, Chaplain; J. S. Estes, Caribou, Fred P. Small, Augusta, Reporters. 66th Legislature met Jan. 4th and adjourned March 29, 1893.

County Treasurers, 1893-94.

Androscoggin, Noel B. Potter, Lewiston; Aroostook, Walter A. Nickerson, Houlton; Cumberland, Daniel D. Chenery, Deering; Franklin, Daniel M. Bonney, Farmington; Hancock, James F. Davis, Ellsworth; Kennebec, Jas. E. Blanchard, Chelsea; Knox, Leonard R. Campbell, Rockland; Lincoln, Isaac G. Williamson, Wiscasset; Oxford, George M. Atwood, Paris; Penobscot, Benjamin B. Thomas, Bangor; Piscataquis, Frank E. Guernsey, Dover; Sagadahoc, Francis W. Weeks, Bath; Somerset, Roland T. Patten, Skowhegan; Waldo, Alfred A. Small, Belfast; Washington, Austin F. Kingsley, East Machias; York, Curtis S. Carll, Waterborough.

Sheriffs, 1893-94.

Androscoggin, Benj. J. Hill, Auburn; Aroostook, Jas. W. Bolton, Presque Isle; Cumberland, Leander E. Cram, Portland; Franklin, Gilbert Miller, Wilton; Hancock, James W. Patterson, Bucksport; Kennebec, Edgar E. Norton, Gardiner; Knox, Jas. W. Gray, Vinalhaven; Lincoln, Charles F. Choate, Whitefield; Oxford, James L. Parker, Norway; Penobscot, Wm. F. Reed, Bangor; Piscataquis, Abial E. Leonard, Milo; Sagadahoc, John W. Ballou, Bath; Somerset, Thos. T. Abbott, Anson; Waldo, Joseph R. Littlefield, Brooks; Washington, Isaac P. Longfellow, Machias; York, George H. Wentworth, North Berwick.

Censure is the tax a man pays to the public for being eminent.—*J. Swift.*

Election Days in Maine. Qualifications of Voters, &c.

By the constitution of Maine the election of Governor, Senators and Representatives and county officers shall be on the second Monday of September every even year. Every male citizen of the United States, of the age of twenty-one years and upwards, who is able to read the constitution of the State in the English language and to write his name, excepting paupers, persons under guardianship, and Indians not taxed, having his residence established in this state for the term of three months, shall be an elector in the town where his residence is so established; citizens still unregistered who were 60 years old or over on the 4th day of Jan. 1893, are excepted from the educational requirement. The Governor shall at the commencement of his term be not less than thirty years of age; a natural born citizen of the United States, have been five years a resident of the state, and at the time of his election and during the term for which he is elected, be a resident of the state. Senators shall be twenty-five years of age at the commencement of the term for which they are elected; shall have been citizens of the United States for 5 years, and for three months next preceding the time of their election shall have been, and, during the period for which they are elected, shall continue to be, residents of the counties they represent. Representatives shall be twenty-one years of age, and in other respects their qualifications are the same as those of senators. The day of choosing electors to elect a President and Vice President of the United States comes on the first Tuesday next after the first Monday in November every Presidential year. (The latter is always leap-year unless it be a centenary-year that is not divisible by 400.)

Municipal and Police Judges in Maine.

Adelbert D. Cornish, Lewiston, term expires March 8, 1896; Clarence V. Emerson, Clerk, Oct. 4, 1894; George F. Gould, Portland, April 14, 1895; Edward F. Thompson, Recorder, Portland, March 5, 1895; Leonard Townsend, Brunswick, April 15, 1896; Chas. B. Rounds, Calais, April 25, 1895; David H. Chandler, Farmington, Dec. 19, 1894; Geo. P. Dutton, Ellsworth, May 22, 1893; Albert G. Andrews, Augusta, March 17, 1894; E. Rowell, Hallowell, March 29, 1896; Nathan Coombs, Bath, Dec. 17, 1895; E. J. Cram, Biddeford, May 19, 1895; H. H. Burbank, Saco, Dec. 4, 1894; J. W. Mitchell, Auburn, September 21, 1895; A. E. Verrill, Clerk, March 19, 1895; James M. Larrabee, Gardiner, July 23, 1893; R. W. Rogers, Belfast, April 16, 1896; Gordon M. Hicks, Rockland, January 15, 1895; Thos. W. Vose, Bangor, Dec. 30, 1896; Frank A. Adams, Recorder, Bangor, Jan. 19, 1897; W. C. Philbrook, Waterville, April 26, 1896; Frank K. Shaw, Clerk, Waterville, March 29, 1896; L. B. Waldron, Dexter, Nov. 24, 1894; James H. Tolman, Westbrook, Dec. 30, 1896; Chas. F. Whitman, Norway, April 26, 1893; Joseph D. Brown, Dover, March 27, 1893; Isaac L. Elder, Deering, March 29, 1896; F. J. Whiting, Oldtown, Jan. 6, 1895. [Appointed by Governor for term of four years.]

Military Order of the Loyal Legion of the United States.

Commandery of the State of Maine; headquarters at Portland. Officers for 1893-1894: Commander, Brev. Maj. Gen. George L. Beal; Senior Vice Commander, Brevet Brigadier Gen. George Varney; Junior Vice Commander, Brevet Brig. General Isaac S. Bangs; Recorder, Brevet Maj. Henry S. Burrage; Registrar, Brevet Major Holman S. Melcher; Treasurer, Captain Thomas J. Little; Chancellor, First Lieutenant Chas. W. Roberts; Chaplain, Chaplain John Smith Sewall; Council, Capt. Charles E. Nash; Major Charles Walker; Captain Charles W. Ford; Lieut. Wainwright Cushing; Lieut. Samuel L. Miller. Annual meeting, first Wednesday in May, at Portland. Stated meetings, first Wednesday in May, Sept. Dec. and March. (Composed only of officers of the Union Army, who possess honorable and meritorious records of service.)

Grand Army of the Republic, Department of Maine, Department Officers.

One hundred and sixty-seven Posts in 1893, containing 9656 comrades in good standing; headquarters, Portland. Officers for 1893-1894: Commander, Wainwright Cushing, Foxcroft; Senior Vice-Commander, Timothy Elliott, Biddeford; Junior Vice-Commander, Henry O. Pierce, Monmouth; Medical Director, W. H. True, Portland; Chaplain, Rev. C. A. Southard, St. Albans; Council of Administration, J. Wesley Gilman, Oakland, W. S. Dunn, Portland, C. C. Cross, Rockland, A. B. Holland, Lewiston, Geo. H. Fisher, Monroe; Assistant Adj't General, H. C. Vaughan, Foxcroft (P. O. Preble House, Portland); Ass't Q. M. General, A. M. Warren, Dover; Inspector, James L. Merrick, Waterville; Judge Advocate, W. H. Fogler, Rockland; Chief Mustering-Officer, P. M. Fogler, Augusta; Senior-Aide, Charles W. Hadlock, Portland. 27th annual encampment will be held early in 1894.

There was a State without King or nobles; there was a church without a Bishop; there was a people governed by grave magistrates which it had selected, and equal laws which it had framed.—*R. Choate, N. E. Soc.* Dec. 22, 1843.

County Commissioners' Courts, 1893-94.

Androscoggin County. George Parcher, Leeds; Walter B. Beals, Turner; Seth Chandler, Lewiston. Meeting first Tuesdays of April and October. Regularly adjourned sessions, first Tuesday of each month.

Aroostook County. C. E. Dunn, Amity; James W. Ambrose, Sherman; James R. Thurlough, Fort Fairfield. First Tuesdays of January and July.

Cumberland County. Walter B. Allen, Yarmouth; Frank H. Plummer, Portland; Elbridge Lord, Windham. Regular sessions the first Tuesday of each month. Regular terms of Record, the first Tuesday of January and June.

Franklin County. Manly B. Pottle, Kingfield; Justus Webster, Chesterville; George N. Coburn, Weld. Last Tuesdays of April and December.

Hancock County. James W. Blaisdell, Dedham; Joseph M. Hutchins, Penobscot; Fred B. Aiken, Ellsworth. Fourth Tuesday of January, and second Tuesdays of April and October.

Kennebec County. Samuel Smith, Litchfield, Charles Wentworth, Clinton; John S. Hamilton, Hallowell. Meetings on the Third Tuesdays of April, August and December.

Knox County. Melville B. Cook, Friendship; Mark Ames, So Thomaston; S. W. Jones, Union. First Tuesdays of April and December, and third Tuesday of August.

Lincoln County. Albert B. Erskine, Alna; Vacancy, Nobleborough; Myrick H. Marson, Bristol. Second Tuesday of May, first Monday of September and last Monday of December.

Oxford County. Jos. F. Stearns, Lovell; William Woodsum, W. Peru; William W. Whitmarsh, Norway. Second Tuesday of May, first Tuesday of September, and last Tuesday of December.

Penobscot County. Andrew Hammond, Milford; Benj. F. Eldridge, Dexter; William I. Wood, Corinna. First Tuesdays of Jan. April, July, and October. Adjourned sessions first Tuesday of each month.

Piscataquis County. Edwin S. Ireland, Sebec; W. S. McKusick, Parkman; William L. Rogers, Greenville. First Tuesdays of April, August, and December.

Sagadahoc County. Martin Trafton, Georgetown; John D. Bibber, Bath; Robert W. Carr, Bowdoinham. First Tuesdays of March, July and Nov.

Somerset County. Albert Leavitt, Athens; G. H. Clark, Skowhegan; H. C. Webber, Palmyra. First Tuesdays of March and August, and second Tuesday of Dec.

Waldo County. Mark S. Stiles, Jackson (Brooks P. O.); Otis D. Wilson, Searsmont (Belfast P. O.); S. A. Payson, Belfast. Second Tuesday of April, third Tuesdays of August and Dec.

Washington County. Saunders G. Spooner, Princeton; Geo. H. Coffin, Harrington; Jethro B. Nutt, Perry. At Machias, on the first Tuesdays of Jan. and Oct. and at Calais the fourth Tuesday of April.

York County. Simon S. Andrews, Biddeford; Isaac Hanscom, Lebanon; Stephen L. Purinton, Limington. First Tuesday of each month, at place where Probate Court is holden. April and October terms, terms of record.

County Attorneys, 1893-94.

Androscoggin, Henry W. Oakes, Auburn; Aroostook, Charles F. Daggett, Presque Isle; Cumberland, Charles A. True, Portland; Franklin, Geo. L. Rogers, Farmington; Hancock, Edward S. Clark, Eden; Kennebec, L. T. Carleton, Winthrop; Knox, Bradford K. Kalloch, Rockland; Lincoln, William H. Miller, Waldoborough; Oxford, Eugene F. Smith, Norway; Penobscot, Charles A. Bailey, Bangor; Piscataquis, Miles W. McIntosh, Brownville; Sagadahoc, Charles D. Newell, Richmond; Somerset, Frank W. Hovey, Pittsfield; Waldo, Wm. T. C. Runnells, Searsport; Washington, Fred I. Campbell, Cherryfield; York, Walter P. Perkins, Cornish.

Registers of Deeds, 1893-94.

Androscoggin, Silas Sprague, Auburn; Aroostook, James H. Kidder, Houlton (for southern district), Arthur Daigle, Madawaska (for northern district); Cumberland, James M. Thompson, New Gloucester; Franklin, Benjamin Goodwin, Farmington; Hancock, Wm. B. Campbell, Ellsworth; Kennebec, George R. Smith, Winthrop; Knox, Frank B. Miller, Cushing; Lincoln, James H. Varney, Wiscasset; Oxford, Eckley Ballard, Fryeburg (for western district), John F. Stanley, Paris (for eastern district); Penobscot, John T. Bowler, Bangor; Piscataquis, Alanson M. Warren, Dover; Sagadahoc, George W. Hunt, Bath; Somerset, Wm. H. Emery, Skowhegan; Waldo, Jacob G. Cook, Belfast; Washington, Henry R. Taylor, Machias; York, Justin M. Leavitt, Buxton.

U. S. CENSUS OF MAINE BY TOWNS AND PLANTATIONS IN 1890.

<i>Androscoggin.</i>			720	Unincor. places	290	Unity plantation	62
Auburn	11,250	Oakfield	94				
Durham	1,111	Oxbow	438	Total	17,053	Total	57,012
E. Livermore	1,506	Perham	140			<i>Knox.</i>	
Greene	885	Portage Lake	203	<i>Hancock.</i>		Appleton	1,080
Leeds	999	Reed	221	Amherst	375	Camden	4,621
Lewiston	21,701	Sheridan	195	Aurora	175	Cushing	688
Lisbon	3,120	Silver Ridge	461	Bluehill	1,980	Friendship	877
Livermore	1,151	St. Francis	226	Brooklin	1,046	Hope	641
Minot	1,355	St. John	158	Brooksville	1,310	Hurricane Isle	266
Poland	2,472	Wade	595	Bucksport	2,921	North Haven	552
Turner	2,016	Wallagrass	166	Castine	987	Rockland	8,174
Wales	451	Westfield	72	Cranberry Isles	330	S. Thomaston	1,534
Webster	951	Winterville	894	Deer Isle	3,422	St. George	2,491
		Unorg'd places	894	Dedham	366	Thomaston	3,009
Total,	48,968	Total	49,589	Estabrook	246	Union	1,436
<i>Aroostook.</i>		<i>Cumberland.</i>		Eden	1,946	Vinalhaven	2,617
Amity	420	Baldwin	932	Ellsworth	4,804	Warren	2,037
Ashland	568	Bridgton	2,605	Franklin	1,264	Washington	1,230
Bancroft	264	Brunswick	6,012	Gouldsboro	1,709	Matinicus Isle	196
Benedicta	317	Cape Elizab'h	5,459	Hancock	1,190	Muscle Ridge	24
Blaine	784	Casco	844	Isle au Haut	206		
Bridgewater	946	Cumberland	1,487	Lamoine	726	Total	31,473
Caribou	4,087	Deering	5,353	Mariaville	271	<i>Lincoln.</i>	
Dyer Brook	221	Falmouth	1,580	Mt. Desert	1,355	Alna	512
Easton	978	Freeport	2,482	Orland	1,390	Boothbay	1,718
Fort Fairfield	3,526	Gorham	2,888	Otis	239	Boothbay Har.	1,699
Fort Kent	1,826	Gray	1,517	Penobscot	1,313	Bremen	719
Frenchville	2,560	Harpwell	1,766	Sedgwick	1,012	Bristol	2,821
Grand Isle	964	Harrison	1,071	Sullivan	1,379	Damariscotta	1,012
Haynesville	280	Naples	846	Surry	986	Oresden	1,043
Hersey	151	New Glouc's't'r	1,234	Tremont	2,036	Edgecomb	749
Hodgdon	1,113	No. Yarmouth	709	Trenton	528	Jefferson	1,391
Houlton	4,015	Otisfield	838	Verono	323	Newcastle	1,282
Island Falls	223	Portland	36,425	Waltham	242	Nobleborough	947
Limestone	933	Pownal	712	<i>Plantations.</i>		Somerville	453
Linneus	965	Raymond	927	Long Island	132	Southport	533
Littleton	924	Scarborough	1,794	Swan Isle, etc.	632	Waldoboro'	3,505
Ludlow	375	Sebago	681	No. 7	50	Westport	451
Madawaska	1,451	Standish	1,841	Unorg'd places	421	Whitefield	1,215
Mapleton	832	Westbrook	6,632	Total	37,312	Wiscasset	1,733
Mars Hill	837	Windham	2,216	<i>Kennebec.</i>		Monhegan Is.	90
Masardis	250	Yarmouth	2,098	Albion	1,042	Muscongus Is.	123
Monticello	1,132			Augusta	10,527	Total	21,996
New Limerick	567	Total	90,949	Belgrade	1,090	<i>Oxford.</i>	
Orient	244	<i>Franklin.</i>		Benton	1,136	Albany	645
Presque Isle	3,046	Avon	439	Chelsea	2,356	Andover	740
Sherman	909	Carthage	390	China	1,423	Bethel	2,209
Smyrna	303	Chesterville	770	Clinton	1,518	Brownfield	1,134
Van Buren	1,168	Eustis	321	Farmingdale	821	Buckfield	1,200
Washburn	1,097	Farmington	3,207	Fayette	649	Byron	180
Weston	404	Freeman	464	Gardiner	5,491	Canton	1303
Woodland	885	Industry	545	Hallowell	3,181	Denmark	755
<i>Plantations.</i>		Jay	1,541	Litchfield	1,126	Dixfield	988
Allagash	202	Kingfield	601	Manchester	612	Fryeburg	1,418
Cary	390	Madrid	441	Monmouth	1,362	Gilead	336
Caswell	212	New Sharon	1,064	Mt. Vernon	940	Grafton	98
Chapman	231	New Vineyard	660	Oakland	2,044	Greenwood	727
Crystal	297	Phillips	1,394	Pittston	1,281	Hanover	212
Castle Hill	537	Rangley	616	Randolph	1,281	Hartford	689
Connor	526	Salem	218	Readfield	1,176	Hebron	600
Cyr	429	Strong	627	Rome	500	Hiram	1,063
Eagle Lake	313	Temple	470	Sidney	1,334	Lovell	853
Garfield	86	Weld	885	Vassalboro'	2,052	Mason	80
Glenwood	183	Wilton	1,622	Vienna	495	Mexico	355
Hamlin	484	<i>Plantations.</i>		Waterville	7,107	Newry	343
Macwahoc	216	Coplin	71	Wayne	775	Norway	2,665
Merrill	244	Dallas	184	West Gardiner	853	Oxford	1,455
Moro	199	Greenville	52	Windsor	853	Paris	3,156
Nashville	34	Letter E	29	Winslow	1,814	Peru	692
New Canada	301	Perkins	94	Winthrop	2,111	Porter	1,015
New Sweden	707	Rangely	58				

Roxbury	222	Mattamiscotis	47	Harmony	704	Charlotte	381
Rumford	898	No. 2, Grand Falls	68	Hartland	974	Cherryfield	1,787
Stow	291	Sebois	98	Madison	1,815	Columbia	587
Stoneham	322	Stacyville	250	Mayfield	74	Columbia Falls	698
Sumner	901	Webster	135	Mercer	584	Cooper	264
Sweden	338	Woodville	242	Moscow	422	Crawford	140
Upton	232	No. 1	104	New Portland	1,034	Cutler	662
Waterford	1,001	Indian Township	4	Norridgewock	1,656	Danforth	1,063
Woodstock	859	Township A, R. 7	50	Palmyra	1,004	Deblois	76
Franklin	112	3 other places	56	Pittsfield	2,503	Dennysville	452
Lincoln	59			Ripley	478	East Machias	1,637
Magalloway	79	Total	72,865	St. Albans	1,206	Eastport	4,908
Milton	211	<i>Piscataquis.</i>		Skowhegan	5,068	Edmunds	395
Unorgan. places	150	Abbot	622	Smithfield	479	Forest City	287
Total	30,586	Atkinson	605	Solon	977	Harrington	1,150
<i>Penobscot.</i>		Blanchard	213	Starks	766	Jonesborough	624
Alton	348	Brownville	1,074	Carrying Place	31	Jonesport	1,917
Argyle	263	Dover	1,942	Dead River	104	Kossuth	68
Bangor	19,103	Foxcroft	1,726	Flag Staff	87	Lubec	2,069
Bradford	1,215	Greenville	781	Lexington	199	Machias	2,035
Bradley	823	Guilford	1,021	Moose River	170	Machiasport	1,437
Brewer	4,193	Medford	306	West Forks	146	Marion	90
Burlington	460	Milo	1,029	The Forks	195	Marshfield	299
Carmel	1,066	Monson	1,237	Carratunk	192	Meddybemps	156
Carroll	546	Orneville	492	Jackmantown	217	Milbridge	1,963
Charleston	971	Parkman	813	Pleasant Ridge	108	Northfield	143
Chester	368	Sangerville	1,236	Bigelow	62	Pembroke	1,514
Clifton	284	Sebce	725	Moxie's	11	Perry	945
Corinna	1,207	Shirley	291	Highland	76	Princeton	1,027
Corinth	1,154	Wellington	584	Long Pond	53	Robbinston	787
Dexter	2,732	Williamsburg	162	Sandy Bay	31	Steuben	982
Dixmont	919	Willimantic	446	Taunton, &c.	7	Talmadge	112
Eddington	729	Barnard	100	Holeb	27	Topsfield	375
Edinburg	54	Katahdin Iron W	76	Dennistown	66	Trescott	485
Enfield	769	Bowerbank	87	No. 1, R. 1	30	Vanceboro	870
Etna	646	Elliottsville	53			Waite	159
Exeter	939	Kingsbury	205	Total	32,627	Wesley	227
Garland	973	Day's Acad. Gr't	34	<i>Waldo.</i>		Whiting	393
Glenburn	583	Gore A, No. 2	11	Belfast	5,294	Whitneyville	413
Greenbush	659	Lilly Bay	11	Belmont	475	Codyville	72
Greenfield	231	Mt. Kineo	66	Brooks	730	Lambert Lake	152
Hampden	2,484	Roach River	7	Burnham	846	Hinckley	404
Hermion	1,282	Squaw Mountain	77	Frankfort	1,099	10 other places	402
Holden	609	N. E. Carry	19	Freedom	510	Total	44,482
Howland	171	3 other places	21	Islesborough	1,006	<i>York.</i>	
Hudson	510	Chesuncook	66	Jackson	522	Acton	878
Kenduskeag	536	Town's p A. R. 14	11	Knox	657	Alfred	1,030
Kingman	671	Total	16,134	Liberty	835	Berwick	2,294
Lagrange	721	<i>Sagadahoc.</i>		Lincolntonville	1,361	Biddeford	14,443
Lee	929	Arrowsic	177	Monroe	1,079	Buxton	2,036
Levant	880	Bath	8,723	Montville	1,049	Cornish	1,118
Lincoln	1,756	Bowdoinham	1,508	Morrill	460	Dayton	500
Lowell	439	Bowdoin	940	Northport	691	Eliot	1,463
Mattawamkeag	633	Georgetown	849	Palermo	887	Hollis	1,278
Maxfield	134	Perkins	69	Prospect	697	Kennebunk	3,172
Medway	653	Phippsburg	1,396	Searsmont	1,144	Kennebunkp't	2,196
Milford	835	Richmond	3,082	Searsport	1,693	Kittery	2,864
Mt. Chase	284	Swanville	1,394	Stockton Spr.	1,149	Lebanon	1,263
Newburg	867	Thordike	307	Swanville	689	Limerick	966
Newport	1,188	Troy	1,007	Thorndike	589	Limington	1,092
Oldtown	5,312	Unity		Troy	868	Lyman	854
Orono	2,790	Waldo		Unity	922	Newfield	796
Orrington	1,406	Waldport		Waldport	581	No. Berwick	1,803
Passadumkeag	343	<i>Somerset.</i>		Winterport	1,926	Old Orchard	877
Patten	936	Anson	1,444	Total	27,759	Parsonsfield	1,398
Plymouth	689	Athens	1,072	<i>Washington.</i>		Saco	6,075
Prentiss	401	Bingham	757	Addison	1,022	Sanford	4,201
Springfield	677	Brighton	434	Alexander	337	Shapleigh	968
Stetson	618	Cambridge	425	Baileyville	226	So. Berwick	3,434
Veazie	650	Canaan	1,130	Baring	273	Waterboro	1,357
Winn	936	Concord	345	Beddington	184	Wells	2,029
<i>Plantations.</i>		Cornville	785	Brookton	429	York	2,444
Drew	110	Detroit	590	Calais	7,290	Total	62,829
Lakeville	144	Embsden	579	Centerville	114		
		Fairfield	3,510				

State Institutions, Public Societies, Commissions, &c., in 1893.

Maine Insane Hospital, Augusta.—Officers 1893: Bigelow T. Sanborn, M. D., (salary \$2000) sup't; H. B. Hill, M. D., (\$1000) 1st ass't sup't; P. H. S. Vaughan, (\$900) 2d ass't sup't; Emma N. Baker, M. D., (\$700) 3d ass't; D. B. Crediford, M. D., (\$600) 4th Assistant; M. S. Campbell, (\$1300) steward and treasurer; Miss Alice G. Twitchell, (\$500) matron; John C. Sanford, Supervisor of male wards; Mrs. Annie D. McLean, Supervisor of female wards; Charles F. Perry, Hospital clerk; Miss L. Sims, Supt.'s clerk; Rev. J. M. Wyman, (\$300) chaplain. Trustees: Frederick Robie, Gorham, pres't; Wm. H. Hunt, Liberty; Judson S. Clark, Calais; Mrs. Jennie R. Smith, Litchfield; Lyndon Oak, Garland; R. B. Shepherd, Skowhegan. (Compensation, \$2.00 a day and travel.)

State Reform School, Cape Elizabeth.—Joseph R. Farrington, (\$1000) sup't; E. P. Wentworth, (\$900) ass't sup't; Trustees: Albion Little, Portland, president; M. P. Emery, Portland, treasurer; W. W. Bolster, Auburn, secretary; John J. Perry, Portland; Henry Ingalls, Wiscasset. (Comp. \$2 a day and travel.)

Maine Industrial School for Girls, Hallowell.—Sidney Perham, Paris, pres't; Chas. E. Nash, Augusta, sec'y; Eliphalet Rowell, (\$1000) treasurer and sup't. Officers of School No. 1: Charlotte M. Brown, (\$400) matron; Eliza F. Brown, (\$350) ass't matron; Georgie E. Shaw, (\$250) teacher. Officers of School No. 2: Ellen C. Roberts, (\$400) matron; Mrs. Kate L. Randall, (\$350) ass't matron; Mattie E. Randall, (\$250) teacher. Trustees: H. K. Baker, Hallowell; Mrs. L. M. N. Stevens, Stroudwater P. O.; Moses Giddings, Bangor; J. P. Baxter, Portland; Mrs. S. G. Sargent, Augusta; Mrs. Sarah M. Ware, Waterville; The Governor, Secretary of State, State Superintendent of Common Schools.

Maine State Prison, Thomaston.—Samuel H. Allen, (\$1800) Warden; Ira B. Northey, (\$1000) Deputy; salary of clerk, \$600; guards, \$500 each; physician, \$250; chaplain, \$250; gate-keeper, \$300; teacher, \$300. Chas. W. Jones, Augusta; A. W. Gilman, Foxcroft; Augustus Bailey, Gardiner; inspectors of prisons and jails,—salary, \$2 a day and travel.

Military and Naval Orphan Asylum, Bath.—Seth T. Snipe, Bath, pres't; W. H. Watson, Bath, sec'y; H. A. Duncan, Bath, treas. Executive Committee: S. T. Snipe, W. H. Watson, J. G. Richardson, all of Bath. Matron, Mrs. A. Stetson. Trustees: J. G. Richardson, Bath; David R. Wylie, West Bath; Noble C. Earle; Greenleaf T. Stevens, Augusta.

The Commission of Pharmacy.—H. T. Cummings, M. D., Portland; E. H. Thompson, Biddeford; Frank R. Partridge, Augusta. (Paid by fees.)

Maine General Hospital, Portland.—Wm. L. Putnam, president; F. R. Barrett, sec'y and treas. both of Portland; C. O. Hunt, resid't physician and sup't; James A. Spalding, M. D., ophthalmic surgeon; Addison S. Thayer, M. D., pathologist; Mrs. L. W. Warren, matron. (Opened October, 1874.)

The Maine State Agricultural Society.—S. G. Gerrard, Levant, president; G. M. Twitchell, Augusta, secretary; E. G. Eveleth, Auburn, treas. Trustees: The President; Alonzo Libby, Westbrook; George O. Bailey, Belfast; H. W. Hutchins, Auburn; A. J. Libby, Embden.

Maine State Jersey Catle Association.—R. S. Sampson, Temple, pres't; O. Gardner, Rockland, and B. F. Briggs, Auburn, vice-presidents; N. R. Pike, Winthrop, secretary and treasurer; N. R. Pike, P. H. Snell, W. H. Keith, Winthrop, pedigree committee; S. T. Floyd, Winthrop, J. E. Brainard, East Winthrop, W. C. Whitman, South Turner, directors.

Inspectors of Steamboats.—Charles Staples, jr., Portland; Wm. Flowers, Bangor. (Paid by State \$4 a day for time employed and traveling expenses.)

State Board of Health.—(Act of 1885.) Edward C. Jordan, C. E. Portland, president; Hugh R. Chaplin, Bangor; F. C. Robinson, Brunswick; O. A. Horr, M. D., Lewiston; Chas. D. Smith, M. D., Portland; A. R. G. Smith, Whitefield; A. G. Young, M. D., Augusta, sec'y; Mabel I. Lovejoy, Beatrice E. Young, clerks. *Railroad Commissioners.*—A. W. Wildes, Skowhegan; D. N. Mortland, Rockland; Benj. F. Chadbourne, Biddeford, (\$2000 each). Enoch C. Farrington, Fryeburg, clerk (\$1500).

Deputy Commissioner of Labor, R. F. Chalk, Kennebunk (\$1000).

Fish Commissioners.—Henry O. Stanley, Dixfield; (vacancy.) \$500.

Keeper of State Arsenal, William Boyd, Bangor, \$200.

Assistant Librarian.—Edith M. Moulton, Augusta.

State Normal Schools.—Trustees: I. Warren Merriil, Farmington; Wm. G. Sargent, Castine; H. L. Chapman, Brunswick; J. A. Hinkley, Gorham; Oliver B. Clason, Gardiner; the Governor and State Sup't of Com. Schools. (\$2 a day and travel.) Principals: Geo. C. Puringtoh, Farmington (Northern); Albert F. Richardson, Castine (Eastern); Wm. J. Corthell, Gorham (Western). Supported by the State. Tuition is free to teachers in Maine. Madawaska training school, Vetal Cyr, Ft. Kent.

State College of Agriculture and the Mechanic Arts, Orono.—Trustees: R. B. Shepherd, Skowhegan; A. L. Moore, Limerick; Wm. T. Haines, Waterville, sec'y; G. J. Shaw, Hartland; Benj. F. Briggs, Auburn; R. Alden, Winthrop; Chas. P. Allen, Presque Isle; Henry Lord, Bangor; G. J. Shaw, Hartland. G. H. Hamlin, Orono, treasurer. Two terms a year.

Cattle Commissioners.—Geo. H. Bailey, Portland; F. O. Beal, Bangor; Thomas Daggett, Foxcroft.

Agent of the Penobscot Indians, Geo. H. Hunt, Oldtown, \$200. *Agent of the Passamaquoddy Indians,* Charles A. Rolfe, Princeton, \$200.

Clerk to Sec'y of Board of Agriculture, A. R. Smiley, Skowhegan.

Commissioners of Harbor and Tide Waters.—Sam'l B. Kelsey, Portland; Henry Fox, Portland; Cyrus H. Farley, Portland

Public Administrators.—Lewis Pierce, Portland; L. G. Philbrook, Castine; Andrew Lacy, Wiscasset; Albert W. Paine, Bangor; F. W. Guptill, Saco; Geo. S. Woodman, Auburn; Jos. Williamson, Jr., Belfast; A. F. Kingsley, East Machias.

E. Me. Conf. Seminary.—Rev. A. F. Chase, Ph.D., principal; 3 terms, 13w.

Portland School for the Deaf.—Ellen L. Barton, principal; Miss L. H. Merrill, Miss Isabel Harris, Miss Etta Estabrook, Miss Mary I. Simonds, Miss Estella Draper, asst's; O. M. Lord, sec'y; G. H. Libby, Portl'd, treas.

State Assessors.—Hall C. Burleigh, Vassalboro'; Otis Hayford, Canton; Geo. Pottle, Lewiston. Each \$1500 salary.

Stenographic Commissioners (appointed to take depositions and disclosures of trustees under the law of 1885).—Knox County, Lottie E. Lawry, Rockland; Oxford, R. K. Eastman, Norway; Penobscot, Hattie M. Burr, Bangor; Waldo, W. Knowlton, Belfast.

Chairmen of Boards of Registration.—Albert E. Verrill, Auburn; A. K. P. Knowlton, Lewiston; James N. Reed, Deering; Augustus F. Gerrish, Portland; Henry K. Griggs, Westbrook; A. W. Cushman, Ellsworth; Algernon S. Bangs, Augusta; Fred E. Milliken, Gardiner; John S. Hamilton, Hallowell; Appleton H. Plaisted, Waterville; Nathaniel Jones, Rockland; Henry D. Williams, Bangor; L. B. Pollard, Brewer; Edward W. Conant, Old Town; James W. Wakefield, Bath; John M. Fletcher, Belfast; Archibald C. Boyd, Calais; George R. Andrews, Biddeford; Charles H. Hanson, Saco. Appointed by the Governor; terms expire May 1, 1895.

Governor's Staff.—Brig. Gen. Selden Connor, Portland, Adjutant Gen'l, ex-officio, Quartermaster General and Paymaster General; Brig. General Winfield S. Choate, Augusta, Inspector General; Colonel Thomas P. Shaw, Portland, Commissary General; Colonel Fred'k C. Thayer, Waterville, Surgeon General; Colonel Wm. H. Fogler, Rockland, Judge Advocate General; Lieutenant Colonel Charles H. Prescott, Biddeford, Lieut. Colonel Isaiah K. Stetson, Bangor, Lieut. Colonel Wm. W. Whitmarsh, Norway, Lieut. Colonel Gilman P. Lombard, Belfast, Aides-de-Camp; Maj. Albert G. Rollins, Portland, Military Secretary.

Board of Examiners in the Practice of Dentistry.—Edward J. Roberts, Augusta, President; Dana W. Fellows, Portland, Secretary; R. B. Miller, Rockland; L. S. Chilcott, Bangor; F. O. Sawyer, Skowhegan.

Officers and Clerks at State Capitol.—N. S. Purinton, Bowdoin, (\$500), Messenger to Gov. and Council; Edwin C. Milliken, Portland (\$1200), pension clerk; Thomas Clark, Tremont (\$1000), clerk to Adjutant General; Chas. C. Hunt, Augusta (\$1000), clerk to State Sup't of Com. Schools; Byron Boyd, Augusta (\$1200), Abel D. Russell, Augusta (\$1000), Joseph E. Alexander, Richmond (\$1000), clerks to Secretary of State; Charles B. Caldwell, Augusta (\$1500), D. W. Emery, Augusta (\$1000), Lyman S. Fogler, Hope (\$1000), clerks to State Treasurer E. C. Stevens, Chelsea, private secretary to Governor (\$1200). Miss May E. Crosby, Waterville, Stenographer. Charles Fletcher, Stark (\$500), Ins. Clerk. Charles J. House, Moulson, clerk Industrial Statistics.

SONG OF NATURE.

Mine are the night and morning,
The pits of air, the gulf of space,
The sportive sun, the gibbous moon,
The innumerable days.

I hide in the blinding glory,
I lurk in the pealing song,
I rest on the pitch of the torrent,
In death, new-born and strong.

No numbers have counted my tallies,
No tribes my house can fill,
I sit by the shining fount of life,
And pour the deluge still.

And ever by delicate powers
Gathering along the centuries
From race on race the fairest flowers,
My wreath shall nothing miss.

And many a thousand summers
My apples ripened well,
And light from meliorating stars
With firmer glory fell.

I wrote the past in characters
Of rock and fire the scroll,
The building in the coral sea,
The planting of the coal.

And thefts from satellites and rings
And broken stars I drew,
And out of spent and aged things
I formed the world anew.

What time the gods kept carnival,
Tricked out in star and flower,
And in cramp elf and saurian forms
They swathed their too much power.

Time and thought were my surveyors,
They laid their courses well,
They boiled the sea, and baked the
layers
Of granite, marl, and shell.

But him — the man child glorious,
Where tarries he the while?
The rainbow shines his harbinger,
The sunset gleams his smile.

My boreal lights leap upward,
Forthright my planets roll,

And still the man-child is not born,
The summit of the whole.

Must time and tide forever run?
Will never my winds go to sleep in
the West?

Will never my wheels, which whirl
the sun

And satellites, have rest?

Too much of donning and doffing,
Too slow the rainbow fades;

I weary of my robe of snow.
My leaves, and my cascades.

I tire of globes and races,
Too long the game is played;
What, without him, is summer's
pomp,

Or winter's frozen shade

I travail in pain for him,
My creatures travail and wait;
His couriers come by squadrons,
He comes not to the gate.

Twice I have moulded an image,
And thrice outstretched my hand,
Made one of day, and one of night,
And one of the salt-sea-sand.

I moulded kings and saviours,
And bards o'er kings to rule;
But fell the starry influence short,
The cup was never full.

Yet whirl the glowing wheels once
more,

And mix the bowl again,
Seethe, Fate! the ancient elements,
Heat, cold, dry, wet, and peace
and pain

Let war and trade and creeds and song
Blend, ripen race on race, —
The sunburnt world a man shall breed
Of all the zones and countless days.

No ray is dimmed, no atom worn,
My oldest force is good as new,
And the fresh rose on yonder thorn
Gives back the bending heavens
in dew. [R. W. Emerson.

Members of the Maine Board of Agriculture in 1893.

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Man is his own star, and the soul that can
Render an honest and a perfect man
Commands all light, all influence, all fate.
Nothing to him falls early or too late.
Our acts our angels are, or good or ill,
Our fatal shadows that walk by us still.—J. Fletcher, b. 1576.

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